

# BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking to Implement the Commission's Procurement Incentive Framework and to Examine the Integration of Greenhouse Gas Emissions Standards into Procurement Policies.

Rulemaking 06-04-009 (Filed April 13, 2006)

# COMMENTS OF THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES ON THE PROPOSED DECISION OF PRESIDENT PEEVEY

SARA STECK MYERS Attorney for the Center for Energy Efficiency and Renewable Technologies

122 – 28<sup>th</sup> Avenue San Francisco, CA 94121 (415) 387-1904 (Telephone) (415) 387-4708 (FAX) ssmyers@att.net (e-mail) RACHEL MCMAHON
Director of Regulatory Affairs
Center for Energy Efficiency and
Renewable Technologies

1100 11<sup>th</sup> Street, Suite 311 Sacramento, CA 95814 (916) 442-7785 (Telephone) (916) 447-2940 (FAX) rachel@ceert.org (e-mail)

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The Center for Energy Efficiency and Renewable Technologies (CEERT) respectfully submits these Comments on the Proposed Decision of Commission President Peevey, which was mailed in this proceeding on February 8, 2008. These Comments are filed and served pursuant to Article 14 and Rules 1.9, and 1.10 of the Commission's Rules of Practice and Procedure and the instructions accompanying the Proposed Decision.

I.

THE PROPOSED DECISION ERRS IN MAKING KEY FINDINGS AND RECOMMENDATIONS THAT ARE INCONSISTENT WITH COMMISSION POLICY, ARE NOT SUPPORTED BY A ROBUST DISCUSSION OF THE RECORD, AND PREJUDGE THE OUTCOME OF PENDING ISSUES IN OTHER PROCEEDINGS.

There is no doubt that AB 32, which requires that statewide greenhouse gas (GHG) emissions be reduced to 1990 levels by 2020, presents significant challenges for all state agencies and stakeholders who share a common interest in ensuring that this goal is achieved. CEERT, which strongly supports this GHG emissions reduction goal, appreciates the complexity of the tasks before this Commission and the California Energy Commission (CEC), especially in developing and adopting joint recommendations for inclusion in the California Air Resources Board's (CARB's) AB 32 implementation scoping plan. The Commission and the CEC have

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<sup>&</sup>lt;sup>1</sup> AB 32 (Ch. 488, Stats 2006, adding California Health and Safety Code §§38500, et seq).

requested substantial party comment on a number of issues thus far, and CEERT recognizes that distilling the entire record into one PD is no small task.

However, the Commission still has a duty to clearly support key findings by reference to the record, maintain consistency with Commission policy and precedent, and resist prejudging the outcome of pending issues being addressed in other proceedings. The Proposed Decision fails in this regard in three major ways:

- The Proposed Decision reaches findings at odds with Commission policy, which, to date, has embraced a strong renewable generation future for California, including support for integrated resource planning and a 33% renewable requirement by 2020, and ignores ongoing efforts to reform programs and processes to bring more renewable projects on-line;
- 2. The Proposed Decision inappropriately prejudges issues affecting renewables procurement that are pending in other proceedings; and,
- 3. By failing to provide citation to or discussion of the record in support of its findings of broad benefits of a cap-and-trade approach to AB 32 compliance, the Proposed Decision does not adequately substantiate or support those claims and does not demonstrate how its ultimate recommendations comply with statutory requirements in AB 32.

Each of these shortcomings of the Proposed Decision is discussed further below. CEERT respectfully requests that the Commission modify the Proposed Decision to correct these errors, consistent with CEERT's proposed modifications to the findings of fact, conclusions of law, and ordering paragraphs, contained in Appendix A hereto.

A. The Proposed Decision Inappropriately Limits Future Increases in Renewable Generation as a Direct Means of Reducing GHG Emissions in Conflict with Commission Policy and with Commission Action Aimed at Overcoming Current Barriers to Renewable Generation.

The task that is before this Commission and the California Energy Commission (CEC), and ultimately the CARB, is to decide whether or not a renewable future is the right course for California or if the state is to rely on some other (as yet unindentifed) generation resource to meet our carbon emission reductions. Clearly, the state, by its own current policies, has made a very clear commitment to a renewable future by doing all of the following:

- The Legislature's enactment of the current Renwable Portfolio Standard (RPS)
   Program law requiring obligated load serving entities (LSEs) to procure 20% of their electric demand from renewable resources by 2010 (PU Code §399.11, et seq.);
- 2. The policy commitment of the Governor, Climate Action Team, and pending legislation, to increase the RPS goal to 33% renewables by 2020;
- 3. The statutory mandate in AB 32 to reduce overall GHG emissions to 1990 levels by 2020;
- 4. The Governor's Executive Order S-3-05 calling for GHG emissions to be reduced to 80% below 1990 levels by 2050; and
- 5. Reliance on integrated resource planning to show a pathway to achieving policies 1 through 4 on this list.

Clearly, the actions and recommendations of this Comission, the CEC, CARB, and the Legislature for achieving GHG emissions reductions must be consistent with these policy goals. In this regard, CEERT fully supports these agencies' intention to continue mandatory energy efficiency and renewable programs,<sup>2</sup> which are critical to guaranteeing GHG emissions reductions in the electricity sector and investment in new and existing clean technology. As stated in the Proposed Decision, these programs are absolutely "the foundation upon which our

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<sup>&</sup>lt;sup>2</sup> See, e.g., Proposed Decision, at p. 30.

other additional AB 32 policies should be built."<sup>3</sup> CEERT also fully supports the Proposed Decision's recommendation "that the cap-and-trade system need only produce a relatively small portion of the overall emissions reductions" and that CARB should "design it as a complement to existing policies and their expansion."<sup>4</sup> CEERT notes that the Proposed Decision also appropriately reiterates the directive of the "loading order" for electricity resources in the Energy Action Plan in its Finding of Fact 1.

However, the Commission and the CEC must go further in their recommendations to CARB to clearly and definitively state that direct investment in energy efficiency and renewable and distributed generation will be given preference over the trading and purchase of emissions allowances from other sectors in the economy. The Proposed Decision must be modified to ensure that this goal, consistent with state policy, is embedded in its recommendations as discussed below.

# 1. The Proposed Decision Must Recommend a 33% Renewables Procurement Requirement to the CARB and Legislature.

This state's RPS law, its GHG policy, and world-class solar resources are attracting a number of international renewable energy companies to California, such as Acciona, Abengoa/Solucar, EDF, Solar Millenium, and Solel. A 33% renewables requirement, with necessary reforms, will send a clear and sure signal to investors and renewable energy companies that California intends to develop our resources as a matter of state policy and should, therefore, be expressly included in the Commissions' list of core recommendations to the CARB and the legislature for AB 32 scoping plan development.

The Proposed Decision, however, turns back from both the state's commitment to clearly mandated increases in renewable standards and does not mention the dedication of several

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<sup>&</sup>lt;sup>3</sup> Proposed Decision, at p. 30.

<sup>&</sup>lt;sup>4</sup> Proposed Decision, at p. 33.

agencies to addressing barriers to new renewable development in California. These barriers are most recently described in both the 2008 Energy Action Plan Update, the final report of the Economic and Technology Advancement Advisory Committee (ETAAC), and the CEC's Integrated Energy Policy Report (IEPR).

The 2008 Energy Action Plan Update, released just this month, stated enthusiastically that the Energy Action Team is dedicated to working towards the 33% RPS goal:

"In EAP II, we are committed to working together to evaluate the potential for making 33 percent of the power delivered in California renewable by 2020. Today, we strengthen our commitment to increasing the electricity generation from renewable energy in California and throughout the West. Since our Renewable Portfolio Standard (RPS) was adopted, most other states in the West have also adopted RPS requirements. To meet the AB 32 emissions reduction goal in 2020, or the even more aggressive goal suggested by the Governor's executive order S-3-05 for 2050, we will need to maximize the development of renewable resources throughout the West."

The Energy Action Team also correctly recognizes the barriers to achieving the 33% target and commits to "aggressively" overcoming those hurdles:

"Furthermore, many of the approved projects still must successfully overcome project development obstacles, such as permitting, siting, and the development of new transmission. To achieve a 33 percent goal, we need to implement some aggressive programmatic changes."

#### Further:

"The 2007 IEPR describes a number of obstacles that impede our ability to reach our RPS targets and makes recommendations for their removal. The first obstacle that was highlighted was the lack of transmission access from the areas rich in renewable resources to the load centers. The IEPR noted a number of efforts underway to mitigate the problems with transmission siting, most encouragingly, the creation of the Renewable Energy Transmission Initiative, which is a statewide planning collaborative among the Public Utilities Commission, Energy Commission, California ISO, and a number of public power entities to identify and plan for the development of renewable energy zones within California. Further, the IEPR urged a joint consideration by our two agencies of a feed-in

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<sup>&</sup>lt;sup>5</sup> 2008 Energy Action Plan Update (February 2008), at p. 12.

<sup>&</sup>lt;sup>6</sup> <u>Id</u>.

tariff for all renewable energy projects to replace the cumbersome, opaque contracting process that renewable developers face."

Section 38591, added by AB 32 to the Health and Safety Code, creates the ETAAC to advise the CARB on "activities that will facilitate investment in and implementation of technological research and development opportunities." The ETAAC is a diverse group of stakeholders from business and academia that has been meeting since March 1, 2007. Since then, the ETAAC has produced a set of recommendations for technology and policy options for California to meet its GHG emission reduction requirements. The final ETAAC report was formally submitted into the record at the CARB Board Meeting today (February 28, 2008). Among the many recommendations in that report, the ETAAC "recommends that California take steps necessary to support an increase of renewable energy to 33 percent by 2020 for all Load Serving Entities (LSE) as a way to meet the State's AB 32 climate change goals," and correctly points out that "(a) focused, massive commitment on the part of California's policymakers is essential."

Further, the benefits of renewables are not limited solely to creating an energy supply that reduces GHG emissions. As long-recognized in statute, renewable electric generation not only provides economic benefits for the state, but also "ameliorate[s] air quality problems through the state and improve[s] public health by reducing the burning of fossil fuels and the associated environmental impacts and by reducing in-state fossil fuel consumption."<sup>11</sup>

For these many reasons, the Proposed Decision must be modified to fully integrate the 33% renewables goal into its recommendations to CARB. CEERT recommends modifications to

<sup>8</sup> Cal. Health & Safety Code §38591.

<sup>&</sup>lt;sup>7</sup> Id., at p. 13.

<sup>&</sup>lt;sup>9</sup> Recommendations of the Economic and Technology Advancement Advisory Committee (ETAAC) FINAL REPORT. February 11, 2008, at pp. 5-9; emphasis added.

<sup>10 &</sup>lt;u>Id</u>., at pp. 5-8; emphasis added.

<sup>&</sup>lt;sup>11</sup> PU Code §399.11(b) and (c).

the Proposed Decision's findings, conclusions, and orders in Appendix A hereto consistent with that needed change.

2. The Proposed Decision Must Recognize and Recommend Ongoing Integrated Resource Planning as Necessary to Meet GHG Emission Reduction Requirements and Goals.

GHG emissions reduction and the 33% renewables target are interrelated goals that will have the greatest impact on utility electric generation procurement in the next 10 to 12 years. By 2020, the investor-owned utilities (IOUs) will be required by AB 32 to reduce their GHG emissions to 1990 levels and by adopted Commission policy to increase procurement from renewable resources to meet 33% of their electric retail sales. IOUs must be required to effectively plan today to meet these interconnected goals.

In D.07-12-052, issued in December 2007 in the Commission's long-term procurement plan (LTPP) proceeding (R.06-02-013), is of critical importance to and must be fully integrated and reflected in the Commission's AB 32 scoping plan recommendations to CARB. In this regard, the Commission has determined that "[e]ach LTPP proceeding [including R.06-02-013] serves as the umbrella proceeding for the Commission to consider, in an integrated fashion, all of the Commission's electric resource procurement policies and programs, implementation of directives from other procurement-related proceedings," including R.06-04-009.12 In fact, the "primary focus" of D.07-12-052 was to determine whether the LTPPs ensure that the IOUs are "procuring preferred resources as set forth in the Energy Action Plan" and are appropriately responding to "policies that promote the reduction of greenhouse gases (GHG), especially in the production and delivery of electric resources by the [regulated] utilities."<sup>13</sup>

<sup>&</sup>lt;sup>12</sup> D.07-12-052, at pp. 5, 9. <sup>13</sup> D.07-12-052, at p. 2.

In making this determination, the Commission in D.07-12-052 found that the LTPPs of all three IOUs (Southern California Edison Company (SCE), Pacific Gas and Electric Company (PG&E), and San Diego Gas and Electric Company (SDG&E)) "were deficient and spotty in regards to addressing filling their net short position with preferred resources from the EAP loading order and particularly inadequate in accounting for GHG emission reductions." In reaching this conclusion, the Commission confirmed its ongoing, firm commitment to pursuing a path toward reduced GHG emissions and meeting the state's GHG emission reduction goals identified in, among other things, Assembly Bill (AB) 32 and the Governor's Executive Order (EO) S-3-05.

The Commission further insisted that LTPP filings "for our regulated utilities" must "not only conform to the energy and environmental policies in place, but aim for even higher levels of performance." Such direction is essential not only to meet AB 32 targets, but also to put the electric system on a path to increasing sustainability and achievement of 80% GHG emission reductions below 1990 levels by 2050, as articulated in the Governor's EO S-3-05.

In D.07-12-052, the Commission acknowledged that details regarding AB 32 implementation "are still under consideration in [R.] 06-04-009," but nevertheless concluded:

- "The overarching problem in all three LTPPs is the absence of any scenario analysis regarding what types of resources the IOUs should use to fill their net short positions to best transition to the inevitably GHG-constrained world we are moving towards." 18
- "[I]t would be prudent for the IOUs to make reasonable assumptions and/or develop reasonable scenarios regarding different mixes of preferred resources and the operational characteristics of additional fossil generation that the IOUs will

<sup>&</sup>lt;sup>14</sup> D.07-12-052, at p. 3.

<sup>&</sup>lt;sup>15</sup> D.07-12-052, at pp. 4, 230-232.

<sup>&</sup>lt;sup>16</sup> D.07-12-052, at p. 4.

<sup>&</sup>lt;sup>17</sup> D.07-12-052, at p. 5.

<sup>&</sup>lt;sup>18</sup> D.07-12-052, at p. 5.

need to reduce their carbon emissions from electric generation resources back to, at a minimum 1990 levels." <sup>19</sup>

- "Informed decision-making depends on robust analysis," and "[w]hile we recognize that electric resource planning is inherently uncertain, perhaps now more than ever before, we expect the IOUs to integrate the best, most recent planning methodologies and analytical techniques." <sup>20</sup>
- "We agree with parties that find areas that could be improved on throughout the IOUs' planning process from planning assumptions and scenario development, to candidate portfolios and portfolio analysis, and ultimately, evaluation and final selection of a preferred portfolio."<sup>21</sup>

The Commission concluded that "[w]hile the implementation details are still under consideration in R.06-04-009, it appears improbable that the IOUs can reduce their carbon emissions from electric generation resources back to 1990 levels without a focused reliance on preferred resources." The Commission also found that "[p]rocurement of zero- or low-GHG resources should be given preference over other resources since these are the types of resources that AB 32 regulations will favor," and that "uncertainty" in the LTPPs would be eliminated by application of "established scenario analysis going forward." <sup>23</sup>

For next steps, consistent with these findings, the Commission concluded that "analyses presented by IOUs should be detailed enough to enable adequate analysis of fuel mix under various scenarios, overall cost to customers, risks faced by customers, and environmental impact." Specifically:

"To further flesh out IOU plans for GHG reductions, we will provide directions in upcoming LTPP proceedings concerning the development of a consistent evaluation of the costs and risks of GHG-reduction to be included in the subsequent LTPPs. These analyses will be based on the recommendations provided by CEERT in this proceeding, modified based on the results of Phase II of R.06-04-009."<sup>25</sup>

<sup>&</sup>lt;sup>19</sup> D.07-12-052, at pp. 5-6.

<sup>&</sup>lt;sup>20</sup> D.07-12-052, at p. 6.

<sup>&</sup>lt;sup>21</sup> D.07-12-052, at pp. 6-7.

<sup>&</sup>lt;sup>22</sup> D.07-12-052, at p. 243.

<sup>&</sup>lt;sup>23</sup> D.07-12-052, at pp .75, 244.

<sup>&</sup>lt;sup>24</sup> D.07-12-052, at p. 245.

<sup>&</sup>lt;sup>25</sup> D.07-12-052, at pp. 244-245; emphasis added.

These important directives are virtually ignored in the Proposed Decision. Because of their singular importance to achieving AB 32 goals, CEERT asks that the Commission correct this error and ensure that integrated resource planning is among the Commission's recommendations to CARB.

B. The Proposed Decision's Discussion of "Null Power" Associated with Renewable Has No Record Support, Has the Effect of Prejudging the Outcome of Issues Pending In Another Proceeding, and Should be Removed or Modified.

In its discussion of the adopted "deliverer point of regulation" for AB 32 compliance, the Proposed Decision correctly states with respect to renewable generation:

"The [GHG] emission profile of most renewable generation will be considered to be zero for most technologies. Therefore, entities that deliver power produced from such [renewable] sources to the California grid would not be required to obtain and retire allowances." <sup>26</sup>

The only appropriately noted exception would be *if* the renewable generation "has GHG emissions," in which case it "would be treated like any other generation, in that the deliverer would have a GHG emissions compliance obligation."<sup>27</sup>

Despite these conclusions, the Proposed Decision then goes on to state that "future developments regarding tradable RECs [renewable energy credits]" in the RPS proceeding, R.06-02-012, could alter this determination. In this regard, the Proposed Decision states:

"If the definition of RECs to be developed in that proceeding were to specify that GHG emission attributes are embedded in RECs, and if a renewable generator were to sell unbundled RECs to an entity that uses the RECs for GHG emission compliance purposes, it may be appropriate to hold the deliverer of the resulting null power to the California grid responsible for surrendering allowances associated with the null power." <sup>28</sup>

The Proposed Decision further observes *and* concludes:

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<sup>&</sup>lt;sup>26</sup> Proposed Decision, at p. 68.

<sup>&</sup>lt;sup>27</sup> Proposed Decision, at p. 68.

<sup>&</sup>lt;sup>28</sup> Proposed Decision, at p. 68.

"[O]ther jurisdictions may define RECs differently for use in other markets, including ... compliance with GHG emissions requirements, [and]... [t]hus, on a broader basis it may be appropriate to hold any deliver of power generated from renewable sources to the California grid responsible for emission allowance requirements if a REC associated with that power has been defined to include GHG emission attributes and the REC, separately from the power, has been sold into a market to be used for GHG emission compliance purposes. If such developments occur, ARB may need to address the treatment of null power in its reporting and compliance regulations."

From CEERT's perspective, this dicta about "null power" and the impact of tradable RECs is completely unsupported by any record in this proceeding and completely misses the point of the consideration being given to this issue in R.06-02-012. The *only* correct statement made by the Proposed Decision in this regard is that the Commission is *considering* whether to permit tradable RECs to be used for RPS compliance. While CEERT's believes that a decision on this issue is long overdue, CEERT clearly assumes that *this* Proposed Decision, which makes no effort to cite to any part of the record in R.06-02-012, will not serve to inappropriately *prejudge* any aspect of a final Commission decision on tradable RECs in the proceeding in which it is being considered and on which a substantial record has been developed (R.06-02-012).

Put simply, the only issue before the Commission *on any record in any proceeding* before it on tradable RECs is whether an unbundled REC can be used for RPS compliance.<sup>29</sup> The different question of how a "deliverer" of renewable generation that unbundles and sells the REC separately should be treated in the context of GHG compliance has *not* been addressed in either this proceeding or R.06-02-012. Until that analysis has been undertaken with notice and a full and fair opportunity to be heard, the Commission must abstain from making unsupported

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 $<sup>^{29}</sup>$  See, e.g., R06-02-012 (RPS) CEERT Post-Workshop Comments on Tradable RECs (November 11, 2007), at pp. 11-12.

statements or "guesses" about that outcome, especially in suggesting how or whether CARB should treat the resulting "null power" in its reporting and compliance regulations. <sup>30</sup>

In fact, there is no basis (and certainly none cited) for the Proposed Decision to alter the Commission's determination in D.07-01-039:

"[T]he emissions of a renewable facility will not change if or when it sells RECs under a future regulatory REC market. Nor will RECs count toward compliance with the interim EPS [emissions performance standard] by those LSEs who may purchase them for RPS compliance purposes in the future."<sup>31</sup>

While these findings were made specific to the EPS (Senate Bill (SB) 1368) and the Commission reserved judgment on treatment of null renewable power in the context of AB 32, the Commission simply does not have a record sufficient to reach any different conclusion here. Thus, whether in issuing D.07-01-039 or *now*, the available record on this issue remains unchanged. Namely, "there is no regulatory REC market in California at this time," and the Commission is still apparently not prepared to "predict ... whether, how or when a REC market will develop in California." Further, no new record since D.07-01-039 exists to alter the Commission findings in that decision that a zero emission status should be maintained for renewable generation regardless of whether the REC is unbundled or not since. That decision was informed by the Commission's conclusions that, among other things, "stripping renewables of their emission profiles in this manner could easily create a 'perverse' result [of] discourag[ing] long-term commitments with renewable generators that have zero, low or even negative net GHG emission profiles in favor of resources with higher emission rates" and could lead to inconsistent treatment of RECs between LSE-owned and non-LSE owned baseload renewable

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<sup>&</sup>lt;sup>30</sup> Proposed Decision, at p. 69.

<sup>&</sup>lt;sup>31</sup> D.07-01-039, at p. 125.

<sup>&</sup>lt;sup>32</sup> D.07-01-039, at p. 121.

generation.<sup>33</sup> The Commission also found that it has no "reasonable method" for imputing null power with something other than the facility's actual emissions."<sup>34</sup>

Finally, whatever the Commissions ultimately decides regarding how to handle RECs and GHG emission reduction obligations, it is obviously burdensome to require renewable generators to purchase allowances at any price. Assuming that the allowance value for renewable resources could artificially be determined to be zero, the allowances would then have to be immediately retired to avoid the opportunity for double counting. Under these circumstances, renewable generators or first deliverers of renewable generation must be exempted, at the very least, from paying for allowances whether or not the electricity has been unbundled from its REC.

### C. The Proposed Decision Does not Adequately Discuss the Basis or Record Support for The Commission's Recommended Adoption of a Broad Cap and Trade System.

The Commission has asked for extensive sets of comments on a multitude of issues in this proceeding. CEERT's focus in this proceeding, as well as at the CARB and other venues, is on policies and measures that will *directly* result in reductions in GHG emissions. CEERT has taken no position on the merits of a cap-and-trade system on its own, but continues to assert that direct emissions reduction measures and integrated resource planning must be the focus for reducing GHG emissions in the electricity sector.

CEERT is concerned, however, that the Proposed Decision makes broad claims about the benefits of a cap-and-trade system that are not substantiated by any discussion of the record in the PD. CEERT notes that this approach does not match the typical rigor and quality of Commission decisions in discussing the record when reaching its findings and conclusions, particularly on such a major policy recommendation in favor of a cap-and-trade system.

<sup>&</sup>lt;sup>33</sup> D.07-01-039, at pp. 122, 124. <sup>34</sup> D.07-01-039, at p. 125.

Further, the Proposed Decision neither mentions nor states how its finding and recommendation of a cap-and-trade system complies with three critical mandates in AB 32. Specifically, California Health and Safety Code §§38501, 38561, and 38570 require CARB: (1) to "design emission reduction measures" in a manner that "minimizes costs and maximizes benefits for California's economy, improves and modernizes California's energy infrastructure and maintains electric system reliability, maximizes additional environmental and economic cobenefits for California, and complements the state's efforts to improve air quality,"<sup>35</sup> (2) to use, in doing so, "the best available economic models, emission estimation techniques, and other scientific methods," and includes the use of "market-based compliance mechanisms to comply with the regulations" only if "the potential for direct, indirect, and cumulative emission impacts from these mechanisms, including localized impacts in communities that are already adversely impacted by air pollution" has been considered, 36 and (3) to "design" that mechanism in a manner that "prevent(s) any increase in the emissions of toxic air contaminants or criteria air pollutants, and "[m]aximize[s] additional environmental and economic benefits for California, as appropriate."37 Given the manner in which the agencies have divided their workload in order to reasonably and effectively achieve the directive of AB 32, these provisions also apply to this Commission and the CEC in offering their recommendations on the Scoping Plan to CARB.

Finally, AB 32 provides that the Scoping Plan adopted by the ARB will be continually reviewed at least twice a decade to update with new information.<sup>38</sup> Under these circumstances, the Scoping Plan, at a very minimum must be updated and modified the first time by 2014. Now is not the time for the Commission and the CEC to retract policies and targets, which they have

<sup>&</sup>lt;sup>35</sup> Cal. Health & Safety Code §38501.<sup>36</sup> Cal. Health & Safety Code §38561.

<sup>&</sup>lt;sup>37</sup> Cal. Health & Safety Code §38570.

<sup>&</sup>lt;sup>38</sup> Cal. Health and Safety Code §38561(h).

already supported, or to decline to show leadership in transitioning California to a clean energy economy and future. The Proposed Decision should, therefore, be modified to add support for its findings on the benefits of a cap-and-trade system, especially exclusive of other programs and measures that will actually reduce GHG emissions, or eliminate the findings altogether.

#### II.

#### CONCLUSION: NEEDED MODIFICATION OF THE PROPOSED DECISION

For the reasons stated above, it is CEERT's position that the Proposed Decision must be modified to correct the identified shortcomings and errors. To that end, CEERT proposes specific changes to the Proposed Decision's Findings of Fact, Conclusions of Law, and Ordering Paragraphs in Appendix A hereto. CEERT also asks that discussion in the Proposed Decision be modified to provide needed record support and citation.

Respectfully submitted,

February 28, 2008

/s/ SARA STECK MYERS
Sara Steck Myers
On Behalf of CEERT

Sara Steck Myers Attorney at Law 122 – 28<sup>th</sup> Avenue San Francisco, CA 94121 (415) 387-1904 (Telephone) (415) 387-4708 (FAX) ssmyers@att.net (e-mail)

and

RACHEL MCMAHON
Director of Regulatory Affairs
Center for Energy Efficiency and
Renewable Technologies
1100 11<sup>th</sup> Street, Suite 311
Sacramento, CA 95814
(916) 442-7785 (Telephone)
(916) 447-2+40 (FAX)
rachel@ceert.org (e-mail)

#### **APPENDIX A**

# CEERT'S PROPOSED MODIFICATIONS TO THE PROPOSED DECISIONS FINDINGS OF FACT, CONCLUSIONS OF LAW, AND ORDERING PARAGRAPHS

CEERT proposes that the following changes be made to the Proposed Decision's findings of fact, conclusions of law, and ordering paragraphs, consistent with its comments hereto. In this regard, it is CEERT's position that the Proposed Decision cannot include findings for which there has been no full and robust discussion of and citation to the record in support, and showing of how these provisions are beneficial to California's ratepayers, environment and economy, and comply with clear directives of AB 32. Alternatively, the Commission could amend the PD with a full discussion of the record in support of these findings of fact, conclusions of law and ordering paragraphs.

All additions and strikethroughs are shown in bold type.

#### **Proposed Modifications to Findings of Fact:**

- 6. It is reasonable that existing California policies regarding energy efficiency building codes and appliance efficiency standards, retail provider energy efficiency programs, the renewables portfolio standard program, and the emissions performance standard be maintained,—and strengthened, and targets clearly and firmly increased, including a minimum of 33% renewables by 2020. as recommended in this decision.
- 7. For the electricity sector, a cap-and-trade system, in conjunction with the continuation and strengthening of existing policies regarding energy efficiency building codes and appliance efficiency standards, retail provider energy efficiency programs, the renewables portfolio standard program, and the emissions performance standard as recommended in this decision, is likely to be a less expensive means of complying with AB 32 GHG emission reduction requirements than sole reliance on existing and increased mandatory programmatic requirements.
- 8. For the electricity sector, GHG emissions trading would maximize flexibility in achieving emissions targets by allowing obligated entities to rely on least-cost options across the entire economy.
- 9. For the electricity sector, a GHG emissions cap-and-trade program would encourage investment in research and innovation in technologies that lower GHG emissions.

- 41. Nothing in this decision is intended to prejudge, or recommend action that would prejudge, the outcome of the Commission's pending consideration of the use of renewable energy credits for RPS compliance.
- 42. For the electricity sector, continued and increased reliance on energy efficiency, demand response, and renewable generation resources, including but not limited to a minimum 33% RPS, and focused commitment on achieving will encourage expanded investment existing technologies in research and innovation in technologies that lower GHG emissions. Continued and increased reliance on energy efficiency, demand response, and renewable generation resources is the centerpiece and should continue to be the first priority for greenhouse gas emissions reductions.
- 43. For the electricity sector, consistent with our decision in D.07-12-052 with regard to the IOUs' long-term procurement plans, long-term integrated resource planning is now, and will continue to be, an essential approach to achieving greenhouse gas emissions reductions.

### **Proposed Modification to Conclusion of Law 3:**

2. SB 1068 as amended by SB 107 requires that IOUs, CCAs, ESPs, and POUs obtain at least 20% of delivered electricity from renewable sources by 2010, and it is Commission policy to encourage increased procurement of renewable resources by RPS-obligated load serving entities to meet 33% of their customers' electricity demand by 2020 and to eliminate all obstacles to meeting that goal as expeditiously as possible.

#### **Proposed Modification to Ordering Paragraphs 3 and 4:**

- 3. We recommend that ARB work with the Public Utilities Commission and the Energy Commission to set requirements that all retail providers of electricity must deliver more than 20 percent of their power from renewable sources in the future, at least to achieve 33% renewables by 2020.
- 4. We recommend that, if ARB concludes that it does not have authority to adopt regulations consistent with Ordering Paragraphs 1 and 2, the Public Utilities Commission and the Energy Commission commit to work with ARB to seek such authority from the Legislature.
- 10. We recommend that, for the electricity sector, consistent with our decision in D.07-12-052 with regard to the IOUs' long-term procurement plans, long-term integrated resource planning is now, and will continue to be, an essential approach to achieving greenhouse gas emissions reductions

#### **CERTIFICATE OF SERVICE**

I, Sara Steck Myers, am over the age of 18 years and employed in the City and County of San Francisco. My business address is 122 - 28<sup>th</sup> Avenue, San Francisco, California 94121.

On February 28, 2008, I served the within document **COMMENTS OF THE CENTER FOR ENERGY EFFICIENCY AND RENEWABLE TECHNOLOGIES ON THE PROPOSED DECISION OF PRESIDENT PEEVEY**, in R.06-04-009, with prescribed electronic and mail service and delivery of paper copies by U.S. Mail to Assigned Commissioner Peevey, Assigned ALJs TerKeurst and Lakritz, and Commissioner Peevey's advisor, Nancy Ryan, at San Francisco, California.

Executed on February 28, 2008, San Francisco, California.

/s/ SARA STECK MYERS
Sara Steck Myers

### R.06-04-009 (GHG) February 28, 2008

#### **Electronic Service List**

cadams@covantaenergy.com

steven.schleimer@barclayscapital.com steven.huhman@morganstanley.com

rick\_noger@praxair.com keith.mccrea@sablaw.com

ajkatz@mwe.com ckrupka@mwe.com kyle\_boudreaux@fpl.com cswoollums@midamerican.com Cynthia.A.Fonner@constellation.com kevin.boudreaux@calpine.com

trdill@westernhubs.com ej\_wright@oxy.com todil@mckennalong.com steve.koerner@elpaso.com jenine.schenk@apses.com

jbw@slwplc.com kelly.barr@srpnet.com rrtaylor@srpnet.com

smichel@westernresources.org roger.montgomery@swgas.com Lorraine.Paskett@ladwp.com ron.deaton@ladwp.com

snewsom@semprautilities.com

dhuard@manatt.com curtis.kebler@gs.com dehling@klng.com

gregory.koiser@constellation.com

npedersen@hanmor.com

mmazur@3phasesRenewables.com

vitaly.lee@aes.com tiffany.rau@bp.com klatt@energyattorney.com rhelgeson@scppa.org

douglass@energyattorney.com

pssed@adelphia.net bwallerstein@aqmd.gov akbar.jazayeri@sce.com cathy.karlstad@sce.com Laura.Genao@sce.com rkmoore@gswater.com dwood8@cox.net atrial@sempra.com apak@sempraglobal.com dhecht@sempratrading.com

daking@sempra.com

svongdeuane@semprasolutions.com

troberts@sempra.com liddell@energyattorney.com annabelle.malins@fco.gov.uk

dwang@nrdc.org
filings@a-klaw.com
nes@a-klaw.com
obystrom@cera.com
sdhilton@stoel.com
scarter@nrdc.org
abonds@thelen.com
brbc@pge.com

cbaskette@enernoc.com colin.petheram@att.com

jwmctarnaghan@duanemorris.com

kfox@wsgr.com

kkhoja@thelenreid.com pvallen@thelen.com

ray.welch@navigantconsulting.com

spauker@wsgr.com

jwmctarnaghan@duanemorris.com

rreinhard@mofo.com cem@newsdata.com arno@recurrentenergy.com hgolub@nixonpeabody.com iscancarelli@flk.com

jwiedman@goodinmacbride.com mmattes@nossaman.com bwetstone@hotmail.com

jen@cnt.org

lisa\_weinzimer@platts.com

sellis@fypower.org ELL5@pge.com GXL2@pge.com jxa2@pge.com JDF1@PGE.COM RHHJ@pge.com sscb@pge.com SEHC@pge.com svs6@pge.com S1L7@pge.com vjw3@pge.com

steven@moss.net

karla.dailey@cityofpaloalto.org farrokh.albuyeh@oati.net

dtibbs@aes4u.com

jhahn@covantaenergy.com andy.vanhorn@vhcenergy.com

Joe.paul@dynegy.com info@calseia.org gblue@enxco.com sbeserra@sbcglobal.net marcie.milner@shell.com rwinthrop@pilotpowergroup.com tdarton@pilotpowergroup.com lschavrien@semprautilities.com GloriaB@anzaelectric.org llund@commerceenergy.com

thunt@cecmail.org jeanne.sole@sfgov.org john.hughes@sce.com llorenz@semprautilities.com

marcel@turn.org
nsuetake@turn.org
dil@cpuc.ca.gov
fjs@cpuc.ca.gov
achang@nrdc.org
rsa@a-klaw.com
ek@a-klaw.com
kgrenfell@nrdc.org
mpa@a-klaw.com
sls@a-klaw.com

bill.chen@constellation.com

epoole@adplaw.com

agrimaldi@mckennalong.com bcragg@goodinmacbride.com

jsqueri@gmssr.com

jarmstrong@goodinmacbride.com

kbowen@winston.com lcottle@winston.com

mday@goodinmacbride.com

sbeatty@cwclaw.com

vprabhakaran@goodinmacbride.com

jkarp@winston.com edwardoneill@dwt.com jeffgray@dwt.com cjw5@pge.com ssmyers@att.net

lars@resource-solutions.org

alho@pge.com bkc7@pge.com aweller@sel.com

jchamberlin@strategicenergy.com

beth@beth411.com
kerry.hattevik@mirant.com
kowalewskia@calpine.com
hoerner@redefiningprogress.org
janill.richards@doj.ca.gov

cchen@ucsusa.org gmorris@emf.net

tomb@crossborderenergy.com kjinnovation@earthlink.net bmcc@mccarthylaw.com sberlin@mccarthylaw.com Mike@alpinenaturalgas.com

joyw@mid.org bdicapo@caiso.com UHelman@caiso.com monica.schwebs@bingham.com

phanschen@mofo.com wbooth@booth-law.com josephhenri@hotmail.com pthompson@summitblue.com dietrichlaw2@earthlink.net alex.kang@itron.com Betty.Seto@kema.com JerryL@abag.ca.gov

jody\_london\_consulting@earthlink.net

steve@schiller.com mrw@mrwassoc.com rschmidt@bartlewells.com adamb@greenlining.org stevek@kromer.com

clyde.murley@comcast.net brenda.lemay@horizonwind.com carla.peterman@gmail.com

elvine@lbl.gov rhwiser@lbl.gov C\_Marnay@lbl.gov philm@scdenergy.com rita@ritanortonconsulting.com cpechman@powereconomics.com

emahlon@ecoact.org richards@mid.org rogerv@mid.org tomk@mid.org fwmonier@tid.org

brbarkovich@earthlink.net johnrredding@earthlink.net clark.bernier@rlw.com rmccann@umich.edu cmkehrein@ems-ca.com grosenblum@caiso.com mgillette@enernoc.com rsmutny-jones@caiso.com saeed.farrokhpay@ferc.gov e-recipient@caiso.com david@branchcomb.com

kenneth.swain@navigantconsulting.com kdusel@navigantconsulting.com gpickering@navigantconsulting.com lpark@navigantconsulting.com davidreynolds@ncpa.com scott.tomashefsky@ncpa.com

ewolfe@resero.com

Audra.Hartmann@Dynegy.com

Bob.lucas@calobby.com curt.barry@iwpnews.com danskopec@gmail.com dseperas@calpine.com dave@ppallc.com dkk@eslawfirm.com wynne@braunlegal.com kgough@calpine.com

jjensen@kirkwood.com

mary.lynch@constellation.com

Irdevanna-rf@cleanenergysystems.com

abb@eslawfirm.com

mclaughlin@braunlegal.com

glw@eslawfirm.com

jluckhardt@downeybrand.com

jdh@eslawfirm.com

vwelch@environmentaldefense.org

www@eslawfirm.com westgas@aol.com scohn@smud.org

atrowbridge@daycartermurphy.com

dansvec@hdo.net notice@psrec.coop

cynthia.schultz@pacificorp.com kyle.l.davis@pacificorp.com ryan.flynn@pacificorp.com

carter@ieta.org

jason.dubchak@niskags.com bjones@mjbradley.com

kcolburn@symbioticstrategies.com

rapcowart@aol.com

Kathryn.Wig@nrgenergy.com

sasteriadis@apx.com

george.hopley@barcap.com

ez@pointcarbon.com burtraw@rff.org vb@pointcarbon.com

andrew.bradford@constellation.com gbarch@knowledgeinenergy.com ralph.dennis@constellation.com smindel@knowledgeinenergy.com

brabe@umich.edu bpotts@foley.com james.keating@bp.com jimross@r-c-s-inc.com

ahendrickson@commerceenergy.com cweddington@commerceenergy.com

tcarlson@reliant.com ghinners@reliant.com zaiontj@bp.com julie.martin@bp.com fiji.george@elpaso.com echiang@elementmarkets.com

fstern@summitblue.com

nenbar@energy-insights.com nlenssen@energy-insights.com bbaker@summitblue.com

william.tomlinson@elpaso.com kjsimonsen@ems-ca.com jholtkamp@hollandhart.com Sandra.ely@state.nm.us bmcquown@reliant.com dbrooks@nevp.com anita.hart@swgas.com kellie.smith@sen.ca.gov

kdw@woodruff-expert-services.com

mwaugh@arb.ca.gov

pbarthol@energy.state.ca.us

pstoner@lgc.org rachel@ceert.org

bernardo@braunlegal.com steven@lipmanconsulting.com

steven@iepa.com wtasat@arb.ca.gov lmh@eslawfirm.com etiedemann@kmtg.com ltenhope@energy.state.ca.us bushinskyi@pewclimate.org

obartho@smud.org bbeebe@smud.org bpurewal@water.ca.gov dmacmull@water.ca.gov

kmills@cfbf.com karen@klindh.com ehadley@reupower.com sas@a-klaw.com

egw@a-klaw.com akelly@climatetrust.org alan.comnes@nrgenergy.com kyle.silon@ecosecurities.com

californiadockets@pacificorp.com
Philip.H.Carver@state.or.us
samuel.r.sadler@state.or.us
lisa.c.schwartz@state.or.us
cbreidenich@yahoo.com

dws@r-c-s-inc.com

jesus.arredondo@nrgenergy.com

charlie.blair@delta-ee.com
Tom.Elgie@powerex.com
clarence.binninger@doj.ca.gov
david.zonana@doj.ca.gov

ayk@cpuc.ca.gov agc@cpuc.ca.gov aeg@cpuc.ca.gov blm@cpuc.ca.gov bbc@cpuc.ca.gov cf1@cpuc.ca.gov tam@cpuc.ca.gov dsh@cpuc.ca.gov edm@cpuc.ca.gov eks@cpuc.ca.gov cpe@cpuc.ca.gov hym@cpuc.ca.gov jm3@cpuc.ca.gov jnm@cpuc.ca.gov

jbf@cpuc.ca.gov jk1@cpuc.ca.gov jst@cpuc.ca.gov jtp@cpuc.ca.gov randy.sable@swgas.com bill.schrand@swgas.com jj.prucnal@swgas.com sandra.carolina@swgas.com ckmitchell1@sbcglobal.net chilen@sppc.com emello@sppc.com dsoyars@sppc.com tdillard@sppc.com jgreco@terra-genpower.com leilani.johnson@ladwp.com randy.howard@ladwp.com Robert.Rozanski@ladwp.com robert.pettinato@ladwp.com HYao@SempraUtilities.com rprince@semprautilities.com rkeen@manatt.com nwhang@manatt.com pjazaveri@stroock.com derek@climateregistry.org david@nemtzow.com harveyederpspc.org@hotmail.com sendo@ci.pasadena.ca.us slins@ci.glendale.ca.us THAMILTON5@CHARTER.NET bjeider@ci.burbank.ca.us rmorillo@ci.burbank.ca.us aimee.barnes@ecosecurities.com case.admin@sce.com Jairam.gopal@sce.com tim.hemig@nrgenergy.com bjl@bry.com aldyn.hoekstra@paceglobal.com ygross@sempraglobal.com jlaun@apogee.net kmkiener@fox.net scottanders@sandiego.edu jkloberdanz@semprautilities.com andrew.mcallister@energycenter.org jennifer.porter@energycenter.org sephra.ninow@energycenter.org dniehaus@semprautilities.com jleslie@luce.com ofoote@hkcf-law.com ekgrubaugh@iid.com mona@landsiteinc.net pepper@cleanpowermarkets.com gsmith@adamsbroadwell.com mdjoseph@adamsbroadwell.com Diane Fellman@fpl.com hayley@turn.org mflorio@turn.org Dan.adler@calcef.org mhyams@sfwater.org tburke@sfwater.org

jol@cpuc.ca.gov ici@cpuc.ca.gov if2@cpuc.ca.gov krd@cpuc.ca.gov Irm@cpuc.ca.gov Itt@cpuc.ca.gov mjd@cpuc.ca.gov ner@cpuc.ca.gov pw1@cpuc.ca.gov psp@cpuc.ca.gov pzs@cpuc.ca.gov rmm@cpuc.ca.gov ram@cpuc.ca.gov smk@cpuc.ca.gov sgm@cpuc.ca.gov svn@cpuc.ca.gov scr@cpuc.ca.gov tcx@cpuc.ca.gov ken.alex@doj.ca.gov ken.alex@doj.ca.gov isanders@caiso.com igill@caiso.com ppettingill@caiso.com mscheibl@arb.ca.gov qcollord@arb.ca.gov jdoll@arb.ca.gov pburmich@arb.ca.gov bblevins@energy.state.ca.us dmetz@energy.state.ca.us deborah.slon@doj.ca.gov dks@cpuc.ca.gov kgriffin@energy.state.ca.us Idecarlo@energy.state.ca.us mpryor@energy.state.ca.us mgarcia@arb.ca.gov pduvair@energy.state.ca.us wsm@cpuc.ca.gov ntronaas@energy.state.ca.us hurlock@water.ca.gov hcronin@water.ca.gov rmiller@energy.state.ca.us amber@ethree.com norman.furuta@navy.mil

#### Mail Service List

#### **Parties**

CINDY ADAMS COVANTA ENERGY CORPORATION 40 LANE ROAD FAIRFIELD, NJ 07004 FOR: COVANTA ENERGY CORPORATION

STEVEN HUHMAN MORGAN STANLEY CAPITAL GROUP INC. 2000 WESTCHESTER AVENUE PURCHASE, NY 10577

KEITH R. MCCREA ATTORNEY AT LAW SUTHERLAND, ASBILL & BRENNAN, LLP
1275 PENNSYLVANIA AVE., N.W. WASHINGTON, DC 20004-2415 FOR: CALIFORNIA MANUFACTURERS & TECHNOLOGY ASSN.

CATHERINE M. KRUPKA MCDERMOTT WILL AND EMERY LLP 600 THIRTEEN STREEET, NW WASHINGTON, DC 20005 JUNO BEACH, FL 33408
FOR: MORGAN STANLEY CAPITAL GROUP, INC. FOR: FPL ENERGY PROJECT MANAGEMENT

CATHY S. WOOLLUMS MIDAMERICAN ENERGY HOLDINGS COMPANY 106 EAST SECOND STREET DAVENPORT, IA 52801 FOR: KERN RIVER GAS TRANSMISSION

KEVIN BOUDBEAUX CALPINE POWER AMERICA-CA, LLC 717 TEXAS AVENUE, SUITE 1000 HOUSTON, TX 77002 FOR: CALPINE POWER AMERICA

E.J. WRIGHT OCCIDENTAL POWER SERVICES, INC. 5 GREENWAY PLAZA, SUITE 110 HOUSTON, TX 77046

STEPHEN G. KOERNER, ESQ. EL PASO CORPORATION WESTERN PIPELINES 2 NORTH NEVADA AVENUE COLORADO SPRINGS, CO 80903 FOR: EL PASO NATURAL GAS COMPANY/MOJAVE PIPELINE COMPANY

JOHN B. WELDON, JR. SALMON, LEWIS & WELDON, P.L.C. 2850 EAST CAMELBACK ROAD, SUITE 200 PHOENIX, AZ 85016 FOR: SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT

ROBERT R. TAYLOR AGRICULTURAL IMPROVEMENT AND POWER DIST. WESTERN RESOURCE ADVOCATES 1600 NORTH PRIEST DRIVE, PAB221 TEMPE, AZ 85281

STEVEN S. SCHLEIMER DIRECTOR, COMPLIANCE & REGULATORY AFFAIRS BARCLAYS BANK, PLC 200 PARK AVENUE, FIFTH FLOOR NEW YORK, NY 10166 FOR: BARCLAYS CAPITAL

RICK C. NOGER PRAXAIR PLAINFIELD, INC. 2711 CENTERVILLE ROAD, SUITE 400 WILMINGTON, DE 19808 FOR: PRAXAIR PLAINFIELD, INC.

ADAM J. KATZ MCDERMOTT WILL & EMERY LLP 600 13TH STREET, NW.
WASHINGTON, DC 20005
FOR: MORGAN STANLEY CAPITAL GROUP, INC.

KYLE D. BOUDREAUX FPL GROUP 700 UNIVERSE BLVD., JES/JB

CYNTHIA A. FONNER SENIOR COUNSEL CONSTELLATION ENERGY GROUP INC 550 W. WASHINGTON ST, STE 300 CHICAGO, IL 60661
FOR: CONSTELLATION ENERGY GROUP INC

THOMAS DILL PRESIDENT LODI GAS STORAGE, L.L.C. 1021 MAIN ST STE 1500 HOUSTON, TX 77002-6509

TIMOTHY R. ODII MCKENNA LONG & ALDRIDGE LLP 1875 LAWRENCE STREET, SUITE 200 DENVER, CO 80202 FOR: CENTER FOR ENERGY AND ECONOMIC DEVELOPMENT

JENINE SCHENK APS ENERGY SERVICES 400 E. VAN BUREN STREET, SUITE 750 PHOENIX, AZ 85004 FOR: APS ENERGY SERVICES COMPANY

KELLY BARR MANAGER, REGULATORY AFFAIRS & CONTRACTS SALT RIVER PROJECT PO BOX 52025, PAB 221 PHOENIX, AZ 85072-2025 FOR: SALT RIVER PROJECT AGRICULTURAL IMPROVEMENT AND POWER DISTRICT

STEVEN S. MICHEL 2025 SENDA DE ANDRES SANTA FE, NM 87501 FOR: WESTERN RESOURCE ADVOCATES ROGER C. MONTGOMERY VICE PRESIDENT, PRICING SOUTHWEST GAS CORPORATION PO BOX 98510

LAS VEGAS, NV 89193-8510

RONALD F. DEATON LOS ANGELES DEPARTMENT OF WATER & POWER 111 NORTH HOPE STREET, ROOM 1550 LOS ANGELES, CA 90012 FOR: LOS ANGELES DEPARTMENT OF WATER AND POWER

DAVID L. HUARD ATTORNEY AT LAW MANATT, PHELPS & PHILLIPS, LLP 11355 WEST OLYMPIC BOULEVARD LOS ANGELES, CA 90064 FOR: LOS ANGELES COUNTY/TRANS CANADA PIPELINES

DENNIS M.P. EHLING ATTORNEY AT LAW KIRKPATRICK & LOCKHART NICHOLSON GRAHAM 10100 SANTA MONICA BLVD., 7TH FLOOR LOS ANGELES, CA 90067 FOR: CITY OF VERNON

NORMAN A. PEDERSEN ATTORNEY AT LAW HANNA AND MORTON, LLP 444 SOUTH FLOWER STREET, NO. 1500 LOS ANGELES, CA 90071 FOR: SOUTHERN CALIFORNIA GENERATION COALITION/SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

VITALY LEE AES ALAMITOS, LLC 690 N. STUDEBAKER ROAD LONG BEACH, CA 90803 FOR: AES SOUTHLAND LLC

GREGORY KLATT ATTORNEY AT LAW DOUGLASS & LIDDELL 411 E. HUNTINGTON DRIVE, STE. 107-356 ARCADIA, CA 91006 FOR: ALLIANCE FOR RETAIL ENERGY MARKETS

DANIEL W. DOUGLASS ATTORNEY AT LAW DOUGLASS & LIDDELL 21700 OXNARD STREET, SUITE 1030 WOODLAND HILLS, CA 91367 FOR: WESTERN POWER TRADING FORUM

BARRY R. WALLERSTEIN EXECUTIVE OFFICER SOUTH COAST AQMD 21865 COPLEY DRIVE DIAMOND BAR, CA 91765-4182 FOR: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

CATHY A. KARLSTAD SOUTHERN CALIFORNIA EDISON COMPANY 2244 WALNUT GROVE AVE. ROSEMEAD, CA 91770 FOR: SOUTHERN CALIFORNIA EDISON COMPANY LORRAINE PASKETT DIRECTOR, LEGISLATIVE AND REG. AFFAIRS LA DEPT. OF WATER & POWER PO BOX 51111 111 N. HOWARD ST., ROOM 1536 LOS ANGELES, CA 90012 FOR: LOS ANGELES DEPT OF WATER AND POWER

TARIFF MANAGER SOUTHERN CALIFORNIA GAS COMPANY GT 14 D6 555 WEST 5TH STREET LOS ANGELES, CA 90051

CURTIS L. KEBLER J. ARON & COMPANY SUITE 2600 2121 AVENUE OF THE STARS LOS ANGELES, CA 90067 FOR: J. ARON

SID NEWSOM

GREGORY KOISER CONSTELLATION NEW ENERGY, INC. 350 SOUTH GRAND AVENUE, SUITE 3800 LOS ANGELES, CA 90071 FOR: CONSTELLATION NEW ENERGY

MICHAEL MAZUR CHIEF TECHNICAL OFFICER 3 PHASES RENEWABLES, LLC 8333 ZITOLA TER PLAYA DEL REY, CA 90293-7835 FOR: 3 PHASES ENERGY SERVICES

TIFFANY RAU POLICY AND COMMUNICATIONS MANAGER CARSON HYDROGEN POWER PROJECT LLC ONE WORLD TRADE CENTER, SUITE 1600 LONG BEACH, CA 90831-1600 FOR: CARSON HYDROGEN POWER PROJECT LLC

RICHARD HELGESON SOUTHERN CALIFORNIA PUBLIC POWER AUTHORI 225 S. LAKE AVE., SUITE 1250 PASADENA, CA 91101 FOR: SOUTHERN CALIFORNIA PUBLIC POWER AUTHORITY

PAUL DELANEY AMERICAN UTILITY NETWORK (A.U.N.) 10705 DEER CANYON DRIVE ALTA LOMA, CA 91737 FOR: AMERICAN UTILITY NETWORK

AKBAR JAZAYEIRI SOUTHERN CALIFORNIA EDISON COMPANY PO BOX 800 2241WALNUT GROVE AVE. ROOM 390 ROSEMEAD, CA 91770 FOR: SOUTHERN CALIFORNIA EDISON COMPANY

LAURA I. GENAO ATTORNEY SOUTHERN CALIFORNIA EDISON PO BOX 800 2244 WALNUT GROVE AVENUE ROSEMEAD, CA 91770 FOR: SOUTHERN CALIFORNIA EDISON RONALD MOORE GOLDEN STATE WATER/BEAR VALLEY ELECTRIC 630 EAST FOOTHILL BOULEVARD SAN DIMAS, CA 91773 FOR: GOLDEN STATE WATER/BEAR VALLEY

DON WOOD PACIFIC ENERGY POLICY CENTER 4539 LEE AVENUE LA MESA, CA 91941

ALLEN K. TRIAL SAN DIEGO GAS & ELECTRIC COMPANY HO-12 101 ASH STREET SAN DIEGO, CA 92101

ALVIN PAK SEMPRA GLOBAL ENTERPRISES 101 ASH STREET SAN DIEGO, CA 92101 FOR: SEMPRA GLOBAL ENTERPRISES

DAN HECHT SEMPRA ENERGY 101 ASH STREET SAN DIEGO, CA 92101

ELECTRIC

DANIEL A. KING SEMPRA ENERGY 101 ASH STREET, HQ 12 SAN DIEGO, CA 92101

SYMONE VONGDEUANE SEMPRA ENERGY SOLUTIONS 101 ASH STREET, HQ09 SAN DIEGO, CA 92101-3017 FOR: SEMPRA ENERGY SOLUTIONS THEODORE ROBERTS ATTORNEY AT LAW SEMPRA GLOBAL 101 ASH STREET, HQ 13D SAN DIEGO, CA 92101-3017 FOR: SEMPRA GLOBAL/SEMPRA ENERGY SOLUTIONS

DONALD C. LIDDELL DOUGLASS & LIDDELL 2928 2ND AVENUE SAN DIEGO, CA 92103 FOR: CALIFORNIA NATURAL GAS VEHICLE ASSOCIATION/ CLEAN ENERGY FUELS CORPORATION

MARCIE MILNER DIRECTOR - REGULATORY AFFAIRS SHELL TRADING GAS & POWER COMPANY 4445 EASTGATE MALL, SUITE 100 SAN DIEGO, CA 92121

REID A. WINTHROP PILOT POWER GROUP, INC. 8910 UNIVERSITY CENTER LANE, SUITE 520 SAN DIEGO, CA 92122

THOMAS DARTON PILOT POWER GROUP, INC. SUITE 520 8910 UNIVERSITY CENTER LANE SAN DIEGO, CA 92122 FOR: PILOT POWER GROUP

STEVE RAHON DIRECTOR, TARIFF & REGULATORY ACCOUNTS SAN DIEGO GAS & ELECTRIC COMPANY 8330 CENTURY PARK COURT, CP32C SAN DIEGO, CA 92123-1548 FOR: SAN DIEGO GAS & ELECTRIC COMPANY

GLORIA BRITTON ANZA ELECTRIC COOPERATIVE, INC. 58470 HWY 371 PO BOX 391909 ANZA, CA 92539 FOR: ANZA ELECTRIC COOPERATIVE INC.

LYNELLE LUND COMMERCE ENERGY, INC. 600 ANTON BLVD., SUITE 2000 COSTA MESA, CA 92626 FOR: COMMERCE ENERGY, INC.

TAMLYN M. HUNT ENERGY PROGRAM DIRECTOR COMMUNITY ENVIRONMENTAL COUNCIL 26 W. ANAPAMU ST., 2ND FLOOR SANTA BARBARA, CA 93101 FOR: COMMUNITY ENVIRONMENTAL COUNCIL

JEANNE M. SOLE DEPUTY CITY ATTORNEY CITY AND COUNTY OF SAN FRANCISCO 1 DR. CARLTON B. GOODLETT PLACE, RM. 234 601 VAN NESS AVENUE, STE. 2040 SAN FRANCISCO, CA 94102 FOR: CITY AND COUNTY OF SAN FRANCISCO

JOHN P. HUGHES MANAGER, REGULATORY AFFAIRS SOUTHERN CALIFORNIA EDISON COMPANY SAN FRANCISCO, CA 94102

LAD LORENZ V.P. REGULATORY AFFAIRS SEMPRA UTILITIES 601 VAN NESS AVENUE, SUITE 2060 SAN FRANCISCO, CA 94102

MARCEL HAWIGER THE UTILITY REFORM NETWORK 711 VAN NESS AVENUE, SUITE 350 SAN FRANCISCO, CA 94102

NINA SUETAKE ATTORNEY AT LAW THE UTILITY REFORM NETWORK 711 VAN NESS AVE., STE. 350 SAN FRANCISCO, CA 94102 DIANA L. LEE
CALIF PUBLIC UTILITIES COMMISSION
LEGAL DIVISION
ROOM 4300
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: DRA

F. JACKSON STODDARD
CALIF PUBLIC UTILITIES COMMISSION
EXECUTIVE DIVISION
ROOM 5125
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

AUDREY CHANG
STAFF SCIENTIST
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO, CA 94104
FOR: NATURAL RESOURCES DEFENSE COUNCIL

DONALD BROOKHYSER
ATTORNEY AT LAW
ALCANTAR & KAHL
120 MONTGOMERY STREET
SAN FRANCISCO, CA 94104
FOR: COGENERATION ASSOCIATION OF
CALIFORNIA/ENERGY PRODUCERS AND USERS
COALITION

EVELYN KAHL
ATTORNEY AT LAW
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO, CA 94104
FOR: ENERGY PRODUCERS & USERS COALITION

KRISTIN GRENFELL
PROJECT ATTORNEY, CALIF. ENERGY PROGRAM
NATURAL RESOURCES DEFENSE COUNCIL
111 SUTTER STREET, 20TH FLOOR
SAN FRANCISCO, CA 94104

MICHAEL P. ALCANTAR
ATTORNEY AT LAW
ALCANTAR & KAHL, LLP
120 MONTGOMERY STREET, SUITE 2200
SAN FRANCISCO, CA 94104
FOR: COGENERATION ASSOCIATION OF
CALIFORNIA/ENERGY PRODUCERS AND USERS
COALITION

SEEMA SRINIVASAN ATTORNEY AT LAW ALCANTAR & KAHL, LLP 120 MONTGOMERY STREET, SUITE 2200 SAN FRANCISCO, CA 94104 FOR: ENERGY PRODUCERS & USERS COALITION WILLIAM H. CHEN
DIRECTOR, ENERGY POLICY WEST REGION
CONSTELLATION NEW ENERGY, INC.
SPEAR TOWER, 36TH FLOOR
ONE MARKET STREET
SAN FRANCISCO, CA 94105
FOR: UNION OF CONCERNED SCIENTISTS

EDWARD G POOLE
ANDERSON DONOVAN & POOLE
601 CALIFORNIA STREET SUITE 1300
SAN FRANCISCO, CA 94108
FOR: SAN FRANCISCO COMMUNITY POWER

ANN G. GRIMALDI MCKENNA LONG & ALDRIDGE LLP 101 CALIFORNIA STREET, 41ST FLOOR SAN FRANCISCO, CA 94111 FOR: CENTER FOR ENERGY AND ECONOMIC DEVELOPMENT

BRIAN T. CRAGG
ATTORNEY AT LAW
GOODIN, MACBRIDE, SQUERI, RITCHIE & DAY
505 SANSOME STREET, SUITE 900
SAN FRANCISCO, CA 94111
FOR: INDEPENDENT ENERGY PRODUCERS
ASSOCIATION

JAMES D. SQUERI ATTORNEY AT LAW GOODIN MACBRIDE SQUERI RITCHIE & DAY LLP 505 SANSOME STREET, STE 900 SAN FRANCISCO, CA 94111 FOR: POWEREX CORP.

JEANNE B. ARMSTRONG ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY & LAMPREY 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111 FOR: WILD GOOSE STORAGE LLC KAREN BOWEN
ATTORNEY AT LAW
WINSTON & STRAWN LLP
101 CALIFORNIA STREET
SAN FRANCISCO, CA 94111
FOR: MIRANT CALIFORNIA, LLCMIRANT
DELTA, LLC, AND MIRANT POTRERO, LLC

LISA A. COTTLE
ATTORNEY AT LAW
WINSTON & STRAWN LLP
101 CALIFORNIA STREET, 39TH FLOOR
SAN FRANCISCO, CA 94111
FOR: MIRANT CALIFORNIA, LLC, MIRANT
DELTA, LLC, AND MIRANT POTRERO, LLC

MICHAEL B. DAY ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111 FOR: SOLAR ALLIANCE SEAN P. BEATTY ATTORNEY AT LAW COOPER, WHITE & COOPER, LLP 201 CALIFORNIA ST., 17TH FLOOR SAN FRANCISCO, CA 94111

JOSEPH M. KARP ATTORNEY AT LAW WINSTON & STRAWN LLP 101 CALIFORNIA STREET SAN FRANCISCO, CA 94111-5802 FOR: CALIFORNIA COGENERATION COUNCIL

JEFFREY P. GRAY
DAVIS WRIGHT TREMAINE, LLP
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111-6533
FOR: CALPINE CORPORATION

SARA STECK MYERS
ATTORNEY AT LAW
122 28TH AVENUE
SAN FRANCISCO, CA 94121
FOR: CENTER FOR ENERGY EFFICIENCY AND
RENEWABLE TECHNOLOGIES

ANDREW L. HARRIS
PACIFIC GAS & ELECTRIC COMPANY
PO BOX 770000 MAIL CODE B9A
SAN FRANCISCO, CA 94177

ANDREA WELLER STRATEGIC ENERGY 3130 D BALFOUR RD., SUITE 290 BRENTWOOD, CA 94513 FOR: STRATEGIC ENERGY

BETH VAUGHAN
CALIFORNIA COGENERATION COUNCIL
4391 N. MARSH ELDER COURT
CONCORD, CA 94521

AVIS KOWALEWSKI CALPINE CORPORATION 3875 HOPYARD ROAD, SUITE 345 PLEASANTON, CA 94588

JANILL RICHARDS
DEPUTY ATTORNEY GENERAL
CALIFORNIA ATTORNEY GENERAL'S OFFICE
1515 CLAY STREET, 20TH FLOOR
OAKLAND, CA 94702

OAKLAND, CA 94702 FOR: PEOPLE OF THE STATE OF CALIFORNIA

GREGG MORRIS
DIRECTOR
GREEN POWER INSTITUTE
2039 SHATTUCK AVENUE, STE 402
BERKELEY, CA 94704
FOR: GREEN POWER INSTITUTE

VIDHYA PRABHAKARAN GOODIN, MACBRIDE, SQUERI, DAY, LAMPREY 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111 FOR: INDEPENDENT ENERGY PRODUCERS ASSOCIATION

EDWARD W. O'NEILL
ATTORNEY AT LAW
DAVIS WRIGHT TREMAINE LLP
505 MONTGOMERY STREET, SUITE 800
SAN FRANCISCO, CA 94111-6533
FOR: CALIFORNIA LARGE ENERGY CONSUMERS
ASSOCIATION

CHRISTOPHER J. WARNER
PACIFIC GAS AND ELECTRIC COMPANY
77 BEALE STREET, PO BOX 7442
SAN FRANCISCO, CA 94120-7442
FOR: PACIFIC GAS AND ELECTRIC

LARS KVALE
CENTER FOR RESOURCE SOLUTIONS
PRESIDIO BUILDIING 97
PO BOX 39512
SAN FRANCISCO, CA 94129
FOR: CENTER FOR RESOURCE SOLUTION

BRIAN K. CHERRY
VICE PRESIDENT, REGULATORY RELATIONS
PACIFIC GAS AND ELECTRIC COMPANY
PO BOX 770000, MAIL CODE: B10C
SAN FRANCISCO, CA 94177
FOR: PACIFIC GAS AND ELECTRIC COMPANY

JENNIFER CHAMBERLIN MGR. OF REG. AND GOV. AFFAIRS STRATEGIC ENERGY, LLC 2633 WELLINGTON CT. CLYDE, CA 94520 FOR: STRATEGIC ENERGY, LLC

KERRY HATTEVIK
MIRANT CORPORATION
696 WEST 10TH STREET
PITTSBURG, CA 94565
FOR: MIRANT CORPORATION

J. ANDREW HOERNER REDEFINING PROGRESS 1904 FRANKLIN STREET OAKLAND, CA 94612

CLIFF CHEN UNION OF CONCERNED SCIENTIST 2397 SHATTUCK AVENUE, STE 203 BERKELEY, CA 94704 FOR: UNION OF CONCERNED SCIENTISTS

R. THOMAS BEACH CROSSBORDER ENERGY 2560 NINTH STREET, SUITE 213A BERKELEY, CA 94710-2557 FOR: THE CALIFORNIA COGENERATION COUNCIL KENNETH C. JOHNSON KENNETH CARLISLE JOHNSON 2502 ROBERTSON RD SANTA CLARA, CA 95051 FOR: KENNETH CARLISLE JOHNSON BARRY F. MCCARTHY
ATTORNEY AT LAW
MCCARTHY & BERLIN, LLP
100 PARK CENTER PLAZA, SUITE 501
SAN JOSE, CA 95113
FOR: NORTHERN CALIFORNIA GENERATION
COALITION

C. SUSIE BERLIN
ATTORNEY AT LAW
MC CARTHY & BERLIN, LLP
100 PARK CENTER PLAZA, SUITE 501
SAN JOSE, CA 95113
FOR: NORTHERN CALIFORNIA POWER AGENCY

MIKE LAMOND ALPINE NATURAL GAS OPERATING CO. #1 LLC PO BOX 550 VALLEY SPRINGS, CA 95252

JOY A. WARREN
REGULATORY ADMINISTRATOR
MODESTO IRRIGATION DISTRICT
1231 11TH STREET
MODESTO, CA 95354

BALDASSARO DI CAPO 151 BLUE RAVINE ROAD FOLSOM, CA 95630 FOR: CALIFORNIA INDEPENDENT SYSTEM OPERATOR

UDI HELMAN
CALIFORNIA INDEPENDENT SYS. OPER. CORP
151 BLUE RAVINE ROAD
FOLSOM, CA 95630
FOR: CALIFORNIA INDEPENDENT SYSTEM
OPERATOR CORPORATION

JOHN JENSEN
PRESIDENT
MOUNTAIN UTILITIES
PO BOX 205
KIRKWOOD, CA 95646
FOR: MOUNTAIN UTILITIES

MARY LYNCH
VP - REGULATORY AND LEGISLATIVE AFFAIRS
CONSTELLATION ENERGY COMMODITIES GROUP
2377 GOLD MEDAL WAY, SUITE 100
GOLD RIVER, CA 95670

LEONARD DEVANNA
EXECUTIVE VICE PRESIDENT
CLEAN ENERGY SYSTEMS, INC.
11330 SUNCO DRIVE, SUITE A
RANCHO CORDOVA, CA 95742
FOR: CLEAN ENERGY SYSTEMS, INC.

ANDREW BROWN
ATTORNEY AT LAW
ELLISON, SCHNEIDER & HARRIS, LLP
2015 H STREET
SACRAMENTO, CA 95811
FOR: CONSTELLATION NEW ENERGY,
INC., CONSTELLATION ENERGY COMMODITIES
GROUP, INC. CONSTELLATION GENRATION

BRUCE MCLAUGHLIN
BRAUN & BLAISING, P.C.
915 L STREET, SUITE 1270
SACRAMENTO, CA 95814
FOR: CALIFORNIA MUNICIPAL UTILITIES
ASSOCIATION

GREGGORY L. WHEATLAND ATTORNEY AT LAW ELLISON, SCHNEIDER & HARRIS, LLP 2015 H STREET SACRAMENTO, CA 95814 FOR: LS POWER, INC. JANE E. LUCKHARDT ATTORNEY AT LAW DOWNEY BRAND LLP 555 CAPITOL MALL, 10TH FLOOR SACRAMENTO, CA 95814 FOR: SACRAMENTO MUNICIPAL UTILITY DISTRICT

JEFFERY D. HARRIS ATTORNEY AT LAW ELLISON, SCHNEIDER & HARRIS LLP 2015 H STREET SACRAMENTO, CA 95814 FOR: DYNEGY VIRGIL WELCH STAFF ATTORNEY ENVIRONMENTAL DEFENSE 1107 9TH STREET, SUITE 540 SACRAMENTO, CA 95814

WILLIAM W. WESTERFIELD, 111
ATTORNEY AT LAW
ELLISON, SCHNEIDER & HARRIS L.L.P.
2015 H STREET
SACRAMENTO, CA 95814
FOR: SIERRA PACIFIC POWER COMPANY

DOWNEY BRAND DOWNEY BRAND 555 CAPITOL MALL, 10TH FLOOR SACRAMENTO, CA 95814-4686 FOR: SACRAMENTO MUNICIPAL

RAYMOND J. CZAHAR, C.P.A. CHIEF FINANCIAL OFFICER WEST COAST GAS COMPANY 9203 BEATTY DRIVE SACRAMENTO, CA 95826

STEVEN M. COHN
ASSISTANT GENERAL COUNSEL
SACRAMENTO MUNICIPAL UTILITY DISTRICT
PO BOX 15830
SACRAMENTO, CA 95852-1830
FOR: SACRAMENTO MUNICIPAL UTILITY
DISTRICT

ANN L. TROWBRIDGE ATTORNEY AT LAW
DAY CARTER & MURPHY, LLP 3620 AMERICAN RIVER DRIVE, SUITE 205 FOR: CALIFORNIA CLEAN DG COALITION/NORTHWEST NATURAL GAS

DAN SILVERIA SURPRISE VALLEY ELECTRIC CORPORATION PO BOX 691 ALTURAS, CA 96101 FOR: SURPRISE VALLEY ELECTRIC COOPERATIVE

JESSICA NELSON PLUMAS-SIERRA RURAL ELECTRIC CO-OP 73233 STATE ROUTE 70, STE A PORTOLA, CA 96122-7064 FOR: PLUMAS-SIERRA RURAL ELECTRIC COOP CYNTHIA SCHULTZ REGULATORY FILING COORDINATOR PACIFIC POWER AND LIGHT COMPANY 825 N.E. MULTNOMAH PORTLAND, OR 97232

KYLE L. DAVIS PACIFICORP 825 NE MULTNOMAH ST., 20TH FLOOR PORTLAND, OR 97232 FOR: PACIFICORP

RYAN FLYNN PACIFICORP 825 NE MULTNOMAH STREET, 18TH FLOOR PORTLAND, OR 97232

IAN CARTER POLICY COORDINATOR-NORTH AMERICA INTERNATIONAL EMISSIONS TRADING ASSN. 350 SPARKS STREET, STE. 809 OTTAWA, ON K1R 7S8 CANADA

JASON A. DUBCHAK VICE PRESIDENT/GENERAL COUNSEL WILD GOOSE STORAGE LLC C/O NISKA GAS STORAGE, SUITE 400 607 8TH AVENUE S.W. CALGARY, AB T2P OA7 CANADA FOR: WILD GOOSE STORAGE LLC

FOR: INTERNATIONAL EMISSIONS TRADING ASSOCIATION

#### **Information Only**

BRIAN M. JONES M. J. BRADLEY & ASSOCIATES, INC.
47 JUNCTION SQUARE DRIVE CONCORD, MA 01742

KENNETH A. COLBURN SYMBILTIC STRATEGIES, LLC 26 WINTON ROAD MEREDITH, NH 03253

KATHRYN WIG PARALEGAL. NRG ENERGY, INC. 211 CARNEGIE CENTER PRINCETON, NY 08540

GEORGE HOPLEY BARCLAYS CAPITAL 200 PARK AVENUE NEW YORK, NY 10166

DAT.I.AS BURTRAW 1616 P STREET, NW
WASHINGTON, DC 20036

ANDREW BRADFORD SENIOR MARKET RESEARCH ASSOCIATE FELLON-MCCORD & ASSOCIATES SUITE 2000 9960 CORPORATE CAMPUS DRIVE LOUISVILLE, KY 40223

RALPH E. DENNIS DIRECTOR, REGULATORY AFFAIRS FELLON-MCCORD & ASSOCIATES
CONSTELLATION NEWENERGY-GAS DIVISION 9960 CORPORATE CAMPUS DRIVE, STE 2000 LOUISVILLE, KY 40223 LOUISVILLE, KY 40223

MATTHEW MOST EDISON MISSION MARKETING & TRADING, INC. 160 FEDERAL STREET BOSTON, MA 02110-1776

RICHARD COWART REGULATORY ASSISTANCE PROJECT 50 STATE STREET, SUITE 3 MONTPELIER, VT 05602

SAKIS ASTERIADIS APX INC 1270 FIFTH AVE., SUITE 15R NEW YORK, NY 10029

ELIZABETH ZELLJADT 1725 I STREET, N.W. SUITE 300 WASHINGTON, DC 20006

VERONTOLIE BUGNION POINT CARBON 205 SEVERN RIVER RD SEVERNA PARK, MD 21146

GARY BARCH FELLON-MCCORD & ASSOCIATES, INC. SUITE 2000 9960 CORPORATE CAMPUS DRIVE LOUISVILLE, KY 40223

SAMARA MINDEL REGULATORY AFFAIRS ANALYST FELLON-MCCORD & ASSOCIATES
9960 CORPORATE CAMPUS DRIVE, SUITE 2000 BARRY RABE 1427 ROSS STREET PLYMOUTH, MI 48170 BRIAN POTTS FOLEY & LARDNER PO BOX 1497 150 EAST GILMAN STREET MADISON, WI 53701-1497

COURTNEY WEDDINGTON

JAMES W. KEATING BP AMERICA, INC. MAIL CODE 603-1E 150 W. WARRENVILLE RD. NAPERVILLE, IL 60563

JAMES ROSS RCS, INC. 500 CHESTERFIELD CENTER, SUITE 320 CHESTERFIELD, MO 63017

ANNE HENDRICKSON
DIRECTOR, REGULATORY AFFAIRS COMMERCE ENERGY INC COMMERCE ENERGY INC 222 W. LAS COLINAS BLVD., STE. 950-E IRVING, TX 75039 FOR: COMMERCE ENERGY INC

COMPLIANCE ANALYST COMMERCE ENERGY INC 222 W. LAS COLINAS BLVD., STE. 950-E IRVING, TX 75039

TRENT A. CARLSON RELIANT ENERGY 1000 MAIN STREET HOUSTON, TX 77001 GARY HINNERS RELIANT ENERGY, INC. PO BOX 148 HOUSTON, TX 77001-0148

JEANNE ZAIONTZ BP ENERGY COMPANY 501 WESTLAKE PARK BLVD, RM. 4328 HOUSTON, TX 77079

JULIE L. MARTIN WEST ISO COORDINATOR NORTH AMERICA GAS AND POWER BP ENERGY COMPANY 501 WESTLAKE PARK BLVD. HOUSTON, TX 77079

FIJI GEORGE EL PASO CORPORATION EL PASO BUILDING PO BOX 2511 HOUSTON, TX 77252

ED CHIANG ELEMENT MARKETS, LLC ONE SUGAR CREEK CENTER BLVD., SUITE 250 SUGAR LAND, TX 77478

FRANK STERN SUMMIT BLUE CONSULTING 1722 14TH STREET, SUITE 230 BOULDER, CO 80302 FOR: SUMMIT BLUE CONSULTING

NADAV ENBAR ENERGY INSIGHTS 1750 14TH STREET, SUITE 200 BOULDER, CO 80302

NICHOLAS LENSSEN ENERGY INSIGHTS 1750 14TH STREET, SUITE 200 BOULDER, CO 80302

ELIZABETH BAKER SUMMIT BLUE CONSULTING 1722 14TH STREET, SUITE 230 BOULDER, CO 80304

WAYNE TOMLINSON EL PASO CORPORATION WESTERN PIPELINES 2 NORTH NEVADA AVENUE COLORADO SPRINGS, CO 80903

KEVIN J. SIMONSEN ENERGY MANAGEMENT SERVICES 646 EAST THIRD AVENUE DURANGO, CO 81301

JAMES A. HOLTKAMP HOLLAND & HART, LLP 60 EAST SOUTH TEMPLE, STE. 2000 SALT LAKE CITY, UT 84111

SANDRA ELY NEW MEXICO ENVIRONMENT DEPARTMENT 1190 ST FRANCIS DRIVE SANTA FE, NM 87501

BRIAN MCQUOWN RELIANT ENERGY 7251 AMIGO ST., SUITE 120 LAS VEGAS, NV 89119 DOUGLAS BROOKS NEVADA POWER COMPANY SIERRA PACIFIC POWER COMPANY 6226 WEST SAHARA AVENUE LAS VEGAS, NV 89151

SENIOR SPECIALIST/STATE REGULATORYAFFAIR SOUTHWEST GAS CORPORATION SOUTHWEST GAS CORPORATION MAILSTOP: LVB-105 5241 SPRING MOUNTAIN ROAD LAS VEGAS, NV 89193

RANDY SABLE 5241 SPRING MOUNTAIN ROAD LAS VEGAS, NV 89193

BILL SCHRAND SOUTHWEST GAS CORPORATON PO BOX 98510 LAS VEGAS, NV 89193-8510

SANDRA CAROLINA SOUTHWEST GAS CORPORATION PO BOX 98510 LAS VEGAS, NV 89193-8510

CHRISTOPHER A. HILEN ASSISTANT GENERAL COUNSEL SIERRA PACIFIC POWER COMPANY 6100 NEIL ROAD RENO, NV 89511

DARRELL SOYARS MANAGER-RESOURCE PERMITTING&STRATEGIC SIERRA PACIFIC RESOURCES 6100 NEIL ROAD RENO, NV 89520-0024 FOR: SIERRA PACIFIC RESOURCES

JOSEPH GRECO TERRA-GEN POWER LLC 9590 PROTOTYPE COURT, SUITE 200 RENO, NV 89521

RANDY S. HOWARD LOS ANGELES DEPT. OF WATER AND POWER 111 NORTH HOPE STREET, ROOM 921 LOS ANGELES, CA 90012

ROBERT L. PETTINATO LOS ANGELES DEPARTMENT OF WATER & POWER SOUTHERN CALIFORNIA GAS COMPANY LOS ANGELES DEPARTMENT OF WALLS 111 NORTH HOPE STREET, SUITE 1151 555 W. 5TH ST, GTZZGZ LOS ANGELES, CA 90013

RASHA PRINCE SOUTHERN CALIFORNIA GAS COMPANY 555 WEST 5TH STREET, GT14D6 LOS ANGELES, CA 90013

S. NANCY WHANG ATTORNEY AT LAW MANATT, PHELPS & PHILLIPS, LLP 11355 WEST OLYMPIC BLVD. LOS ANGELES, CA 90064

DEREK MARKOLF CALIFORNIA CLIMATE ACTION REGISTRY 515 S. FLOWER STREET, SUITE 1640 LOS ANGELES, CA 90071

HARVEY EDER PUBLIC SOLAR POWER COALITION 1218 12TH ST., 25 SANTA MONICA, CA 90401

STEVEN G. LINS GENERAL COUNSEL GLENDALE WATER AND POWER 613 EAST BROADWAY, SUITE 220 GLENDALE, CA 91206-4394

JJ PRUCNAL SOUTHWEST GAS CORPORATION PO BOX 98510 LAS VEGAS, NV 89193-8510

CYNTHIA MITCHELL ENERGY ECONOMICS, INC. 530 COLGATE COURT RENO, NV 89503

ELENA MELLO SIERRA PACIFIC POWER COMPANY 6100 NEIL ROAD RENO, NV 89520

TREVOR DILLARD SIERRA PACIFIC POWER COMPANY PO BOX 10100 6100 NEIL ROAD, MS S4A50 RENO, NV 89520-0024

LEILANI JOHNSON KOWAL LOS ANGELES DEPT. OF WATER AND POWER 111 N. HOPE STREET, ROOM 1050 LOS ANGELES, CA 90012 FOR: LOS ANGELES DEPT. OF WATER AND POWER

ROBERT K. ROZANSKI LOS ANGELES DEPT OF WATER AND POWER 111 NORTH HOPE STREET, ROOM 1520 LOS ANGELES, CA 90012

HUGH YAO

RANDALL W. KEEN ATTORNEY AT LAW MANATT PHELPS & PHILLIPS, LLP 11355 WEST OLYMPIC BLVD. LOS ANGELES, CA 90064 FOR: LOS ANGELES COUNTY

PETER JAZAYERI STROOCK & STROOCK & LAVAN LLP 2029 CENTURY PARK EAST, SUITE 1800 LOS ANGELES, CA 90067

DAVID NEMTZOW 1254 9TH STREET, NO. 6 SANTA MONICA, CA 90401

STEVE ENDO PASADENA DEPARTMENT OF WATER & POWER 45 EAST GLENARM STREET PASADENA, CA 91105

TOM HAMILTON MANAGING PARTNER ENERGY CONCIERGE SERVICES 321 MESA LILA RD GLENDALE, CA 91208 BRUNO JEIDER BURBANK WATER & POWER 164 WEST MAGNOLIA BLVD. BURBANK, CA 91502

RICHARD J. MORILLO ASSISTANT CITY ATTORNEY CITY OF BURBANK 215 E. OLIVE AVENUE BURBANK, CA 91502

AIMEE BARNES MANAGER REGULATORY AFFAIRS ECOSECURITIES HARVARD SOUARE 206 W. BONITA AVENUE CLAREMONT, CA 91711

CASE ADMINISTRATION SOUTHERN CALIFORNIA EDISON COMPANY 2244 WALNUT GROVE AVE., RM. 370 ROSEMEAD, CA 91770

JAIRAM GOPAL SOUTHERN CALIFORNIA EDISON 2244 WALNUT GROVE, GO1-C ROSEMEAD, CA 91770

TIM HEMIG NRG ENERGY, INC. 1819 ASTON AVENUE, SUITE 105 CARLSBAD, CA 92008

BARRY LOVELL 15708 POMERADO RD., SUITE 203 POWAY, CA 92064

ALDYN HOEKSTRA PACE GLOBAL ENERGY SERVICES 420 WEST BROADWAY, 4TH FLOOR SAN DIEGO, CA 92101

YVONNE GROSS REGULATORY POLICY MANAGER SEMPRA ENERGY HO08C 101 ASH STREET SAN DIEGO, CA 92103

JOHN LAUN APOGEE INTERACTIVE, INC. 1220 ROSECRANS ST., SUITE 308 SAN DIEGO, CA 92106

KIM KIENER 504 CATALINA BLVD. SAN DIEGO, CA 92106 SCOTT J. ANDERS RESEARCH/ADMINISTRATIVE DIRECTOR UNIVERSITY OF SAN DIEGO SCHOOL OF LAW 5998 ALCALA PARK SAN DIEGO, CA 92110

JOSEPH R. KLOBERDANZ SAN DIEGO GAS & ELECTRIC PO BOX 1831 SAN DIEGO, CA 92112

ANDREW MCALLISTER DIRECTOR OF OPERATIONS CALIFORNIA CENTER FOR SUSTAINABLE ENERGY 8690 BALBOA AVE., SUITE 100 SAN DIEGO, CA 92123

JENNIFER PORTER POLICY ANALYST 8690 BALBOA AVENUE, SUITE 100 SAN DIEGO, CA 92123

SEPHRA A. NINOW POLICY ANALYST CALIFORNIA CENTER FOR SUSTAINABLE ENERGY CALIFORNIA CENTER FOR SUSTAINABLE ENERGY 8690 BALBOA AVENUE, SUITE 100 SAN DIEGO, CA 92123

DESPINA NIEHAUS SAN DIEGO GAS AND ELECTRIC COMPANY ATTORNEY AT LAW
8330 CENTURY PARK COURT, CP32H LUCE, FORWARD, F
SAN DIEGO, CA 92123-1530 11988 EL CAMINO

JOHN W. LESLIE LUCE, FORWARD, HAMILTON & SCRIPPS, LLP SAN DIEGO, CA 92123-1530 11988 EL CAMINO REAL, SUITE 200 FOR: SAN DIEGO GAS AND ELECTRIC COMPANY SAN DIEGO, CA 92130

ORLANDO B. FOOTE, III ATTORNEY AT LAW HORTON, KNOX, CARTER & FOOTE 895 BROADWAY, SUITE 101 EL CENTRO, CA 92243

ELSTON K. GRUBAUGH IMPERIAL IRRIGATION DISTRICT 333 EAST BARIONI BLVD. IMPERIAL, CA 92251

THOMAS MCCABE EDISON MISSION ENERGY 18101 VON KARMAN AVE., SUITE 1700 IRVINE, CA 92612

MONA TIERNEY-LLOYD LANDSITE, INC PO BOX 378 CAYUCOS, CA 93430 FOR: LANDSITE, INC

CLEAN POWER MARKETS, INC. 418 BENVENUE AVENUE PO BOX 3206 LOS ALTOS, CA 94024

GLORIA D. SMITH ADAMS, BROADWELL, JOSEPH & CARDOZO 601 GATEWAY BLVD., SUITE 1000 SOUTH SAN FRANCISCO, CA 94080

MARC D. JOSEPH ADAMS BRADWELL JOSEPH & CARDOZO 601 GATEWAY BLVD. STE 1000 SOUTH SAN FRANCISCO, CA 94080 SOUTH SAN FRANCISCO, CA 94080 234 VAN NESS AVENUE
FOR: CALIFORNIA UNIONS FOR RELIABLE SAN FRANCISCO, CA 94102
ENERGY&COALITION OF CALIFORNIA UTILITY FOR: FPL ENERGY PROJECT MANAGEMENT INC EMPLOYEES

DIANE I. FELLMAN DIRECTOR, REGULATORY AFFAIRS FPL ENERGY PROJECT MANAGEMENT, INC.

HAYLEY GOODSON ATTORNEY AT LAW THE UTILITY REFORM NETWORK 711 VAN NESS AVENUE, SUITE 350 SAN FRANCISCO, CA 94102

MICHEL FLORIO ATTORNEYS AT LAW 711 VAN NESS AVE., STE. 350 SAN FRANCISCO, CA 94102

DAN ADLER DIRECTOR, TECH AND POLICY DEVELOPMENT CALIFORNIA CLEAN ENERGY FUND 5 THIRD STREET, SUITE 1125 SAN FRANCISCO, CA 94103

MICHAEL A. HYAMS POWER ENTERPRISE-REGULATORY AFFAIRS SAN FRANCISCO PUBLIC UTILITIES COMM 1155 MARKET ST., 4TH FLOOR SAN FRANCISCO, CA 94103

THERESA BURKE REGULATORY ANALYSTI SAN FRANCISCO PUC 1155 MARKET STREET, 4TH FLOOR SAN FRANCISO, CA 94103

NORMAN J. FURUTA ATTORNEY AT LAW FEDERAL EXECUTIVE AGENCIES 1455 MARKET ST., SUITE 1744 SAN FRANCISCO, CA 94103-1399

AMBER MAHONE ENERGY & ENVIRONMENTAL ECONOMICS, INC. 101 MONTGOMERY STREET, SUITE 1600 SAN FRANCISCO, CA 94104

ANNABELLE MALINS CONSUL-SCIENCE AND TECHNOLOGY BRITISH CONSULATE-GENERAL ONE SANSOME STREET, SUITE 850 SAN FRANCISCO, CA 94104

DEVRA WANG NATURAL RESOURCES DEFENSE COUNCIL 111 SUTTER STREET, 20TH FLOOR SAN FRANCISCO, CA 94104

KAREN TERRANOVA ALCANTAR & KAHL, LLP 120 MONTGOMERY STREET, STE 2200 SAN FRANCISCO, CA 94104

NORA SHERIFF ATTORNEY AT LAW ALCANTAR & KAHL, LLP 120 MONTGOMERY STREET, SUITE 2200 SAN FRANCISCO, CA 94104

OLOF BYSTROM DIRECTOR, WESTERN ENERGY CAMBRIDGE ENERGY RESEARCH ASSOCIATES 555 CALIFORNIA STREET, 3RD FLOOR SAN FRANCISCO, CA 94104

SETH HILTON ATTORNEY AT LAW STOEL RIVES 111 SUTTER ST., SUITE 700 SAN FRANCISCO, CA 94104 FOR: EL PASO NATURAL GAS

SHERYL CARTER NATURAL RESOURCES DEFENSE COUNCIL 111 SUTTER STREET, 20TH FLOOR SAN FRANCISCO, CA 94104

ASHLEE M. BONDS THELEN REID BROWN RAYSMAN&STEINER LLP SUITE 1800 101 SECOND STREET SAN FRANCISCO, CA 94105

BIANCA BOWMAN RATE CASE COORDINATOR PACIFIC GAS AND ELECTRIC COMPANY 77 BEALE STREET, MAIL CODE B9A SAN FRANCISCO, CA 94105 FOR: PACIFIC GAS AND ELECTRIC COMPANY

CARMEN E. BASKETTE SENIOR MGR MARKET DEVELOPMENT ENERNOC 594 HOWARD ST., SUITE 400 SAN FRANCISCO, CA 94105 FOR: ENERNOC, INC.

COLIN PETHERAM DIRECTOR-REGULATORY SBC CALIFORNIA 140 NEW MONTGOMERY ST., SUITE 1325 SAN FRANCISCO, CA 94105

JAMES W. TARNAGHAN DUANE MORRIS LLP SUITE 2000 ONE MARKET, SPEAR TOWER SAN FRANCISCO, CA 94105 FOR: LODI GAS STORAGE KEVIN FOX WILSON SONSINI GOODRICH & ROSATI ONE MARKET STREET, SPEAR TOWER, 3300 SAN FRANCISCO, CA 94105

KHURSHID KHOJA ASSOCIATE THELEN REID BROWN RAYSMAN & STEINER 101 SECOND STREET, SUITE 1800 SAN FRANCISCO, CA 94105

PETER V. ALLEN THELEN REID BROWN RAYSMAN & STEINER 101 SECOND STREET, SUITE 1800 SAN FRANCISCO, CA 94105

RAY WELCH ASSOCIATE DIRECTOR NAVIGANT CONSULTING, INC. ONE MARKET PLAZA, SUITE 1200 SAN FRANCISCO, CA 94105

SHERIDAN J. PAUKER WILSON SONSINI GOODRICH & ROSATI SPEAR TOWER, SUITE 3300 ONE MARKET ST SAN FRANCISCO, CA 94105

JAMES W. MCTARNAGHAN ATTORNEY AT LAW DUANE MORRIS LLP ONE MARKET, SPEAR TOWER 2000 SAN FRANCISCO, CA 94105-1104 ROBERT J. REINHARD MORRISON AND FOERSTER 425 MARKET STREET SAN FRANCISCO, CA 94105-2482

CALIFORNIA ENERGY MARKETS 517-B POTRERO AVENUE SAN FRANCISCO, CA 94110

ARNO HARRIS RECURRENT ENERGY, INC. 1700 MONTGOMERY ST., SUITE 251 SAN FRANCISCO, CA 94111

HOWARD V. GOLUB NIXON PEABODY LLP 2 EMBARCADERO CENTER, STE. 2700 SAN FRANCISCO, CA 94111

JANINE L. SCANCARELLI ATTORNEY AT LAW FOLGER, LEVIN & KAHN, LLP 275 BATTERY STREET, 23RD FLOOR SAN FRANCISCO, CA 94111

JOSEPH F. WIEDMAN ATTORNEY AT LAW GOODIN MACBRIDE SQUERI DAY & LAMPREY LLP 50 CALIFORNIA STREET, SUITE 3400 505 SANSOME STREET, SUITE 900 SAN FRANCISCO, CA 94111

MARTIN A. MATTES NOSSAMAN, GUTHNER, KNOX & ELLIOTT, LLP SAN FRANCISCO, CA 94111

BRAD WETSTONE 236 HARTFORD STREET SAN FRANCISCO, CA 94114 JEN MCGRAW CENTER FOR NEIGHBORHOOD TECHNOLOGY PO BOX 14322 SAN FRANCISCO, CA 94114

LISA WEINZIMER ASSOCIATE EDITOR PLATTS MCGRAW-HILL 695 NINTH AVENUE, NO. 2 SAN FRANCISCO, CA 94118

STEVEN MOSS SAN FRANCISCO COMMUNITY POWER COOP 2325 3RD STREET, SUITE 344 SAN FRANCISCO, CA 94120

SHAUN ELLIS 2183 UNION STREET SAN FRANCISCO, CA 94123 ED LUCHA CASE COORDINATOR PACIFIC GAS AND ELECTRIC COMPANY PO BOX 770000, MAIL CODE B9A SAN FRANCISCO, CA 94177

GRACE LIVINGSTON-NUNLEY ASSISTANT PROJECT MANAGER PACIFIC GAS AND ELECTRIC COMPANY PO BOX 770000 MAIL CODE B9A SAN FRANCISCO, CA 94177

JASMIN ANSAR MAIL CODE B24A PO BOX 770000 SAN FRANCISCO, CA 94177

JONATHAN FORRESTER PG&E MAIL CODE N13C PO BOX 770000 SAN FRANCISCO, CA 94177 RAYMOND HUNG PG&E PO BOX 770000 MAIL CODE B9A SAN FRANCISCO, CA 94177

SEBASTIEN CSAPO PG&E PROJECT MGR. MAIL CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177 SHAUN HALVERSON PACIFIC GAS AND ELECTRIC COMPANY PG&E MAIL CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177 FOR: PACIFIC GAS AND ELECTRIC COMPANY SOUMYA SASTRY PACIFIC GAS AND ELECTRIC COMPANY MATI CODE B9A PO BOX 770000 SAN FRANCISCO, CA 94177

STEPHANIE LA SHAWN PACIFIC GAS AND ELECTRIC COMPANY PO BOX 770000, MAIL CODE B9A SAN FRANCISCO, CA 94177

VALERIE J. WINN PACIFIC GAS AND ELECTRIC COMPANY PO BOX 770000, B9A SAN FRANCISCO, CA 94177-0001

KARLA DAILEY CITY OF PALO ALTO UTILITIES DEPARTMENT BOX 10250 PALO ALTO, CA 94303

FARROKH ALBUYEH VICE PRESIDENT OPEN ACCESS TECHNOLOGY INTERNATIONAL INC ADVANCED ENERGY STRATEGIES, INC. SUITE 910 1875 SOUTH GRANT STREET SAN MATEO, CA 94402

DEAN R. TIBBS PRESIDENT 1390 WILLOW PASS ROAD, SUITE 610 CONCORD, CA 94520

JEFFREY L. HAHN COVANTA ENERGY CORPORATION 876 MT. VIEW DRIVE LAFAYETTE, CA 94549

ANDREW J. VAN HORN VAN HORN CONSULTING 12 LIND COURT ORINDA, CA 94563

JOSEPH PAUL SENIOR CORPORATE COUNSEL DYNEGY, INC. 4140 DUBLIN BLVD., STE. 100 DUBLIN, CA 94568

SUE KATELEY EXECUTIVE DIRECTOR CALIFORNIA SOLAR ENERGY INDUSTRIES ASSN PO BOX 782 RIO VISTA, CA 94571

GREG BLUE ENXCO DEVELOPMENT CORP 5000 EXECUTIVE PARKWAY, STE.140 SAN RAMON, CA 94583

SARAH BESERRA CALIFORNIA REPORTS 39 CASTLE HILL COURT VALLEJO, CA 94591 FOR: CALIFORNIA REPORTS

MONICA A. SCHWEBS, ESQ. BINGHAM MCCUTCHEN LLP

PETER W. HANSCHEN ATTORNEY AT LAW MORRISON & FOERSTER, LLP

PO BOX V 1333 N. CALIFORNIA BLVD., SUITE 210

101 YGNACIO VALLEY ROAD, SUITE 450

WALNUT CREEK, CA 94596

WALNUT CREEK, CA 94596

WILLIAM H. BOOTH ATTORNEY AT LAW LAW OFFICES OF WILLIAM H. BOOTH 67 CARR DRIVE MORAGA, CA 94596 FOR: CALIFORNIA LARGE ENERGY CONSUMERS ASSOCIATION

JOSEPH HENRI 31 MIRAMONTE ROAD WALNUT CREEK, CA 94597

WILLIAM F. DIETRICH

PATRICIA THOMPSON SUMMIT BLUE CONSULTING 2920 CAMINO DIABLO, SUITE 210 WALNUT CREEK, CA 94597

ATTORNEY AT LAW DIETRICH LAW 2977 YGNACIO VALLEY ROAD, 613 WALNUT CREEK, CA 94598-3535

ALEX KANG ITRON, INC. 1111 BROADWAY, STE. 1800 OAKLAND, CA 94607

BETTY SETO POLICY ANALYST KEMA, INC. 492 NINTH STREET, SUITE 220 OAKLAND, CA 94607

GERALD L. LAHR ABAG POWER 101 EIGHTH STREET OAKLAND, CA 94607 JODY S. LONDON JODY LONDON CONSULTING PO BOX 3629 OAKLAND, CA 94609

FOR: ASSOCIATION OF BAY AREA GOVERNMENTS

STEVEN SCHILLER SCHILLER CONSULTING, INC. 111 HILLSIDE AVENUE PIEDMONT, CA 94611

MRW & ASSOCIATES, INC. 1814 FRANKLIN STREET, SUITE 720 OAKLAND, CA 94612

REED V. SCHMIDT VICE PRESIDENT BARTLE WELLS ASSOCIATES 1889 ALCATRAZ AVENUE BERKELEY, CA 94703 FOR: CALIFORNIA CITY-COUNTY STREET LIGHT ASSOCIATION

ADAM BRIONES THE GREENLINING INSTITUTE 1918 UNIVERSITY AVENUE, 2ND FLOOR BERKELEY, CA 94704

STEVE KROMER 3110 COLLEGE AVENUE, APT 12 BERKELEY, CA 94705 FOR: STEVE KROMER

CLYDE MURLEY CONSULTANT TO NRDC 1031 ORDWAY STREET ALBANY, CA 94706

BRENDA LEMAY DIRECTOR OF PROJECT DEVELOPMENT 1600 SHATTUCK, SUITE 222 BERKELEY, CA 94709

CARLA PETERMAN UCEI 2547 CHANNING WAY BERKELEY, CA 94720

EDWARD VINE LAWRENCE BERKELEY NATIONAL LABORATORY BUILDING 90R4000 BERKELEY, CA 94720

RYAN WISER BERKELEY LAB MS-90-4000 ONE CYCLOTRON ROAD BERKELEY, CA 94720

CHRIS MARNAY BERKELEY LAB 1 CYCLOTRON RD MS 90R4000 BERKELEY, CA 94720-8136

PHILLIP J. MULLER SCD ENERGY SOLUTIONS 436 NOVA ALBION WAY SAN RAFAEL, CA 94903

RITA NORTON AND ASSOCIATES, LLC POWER ECONOMICS
18700 BLYTHSWOOD DRIVE, 901 CENTED CONTROL

LOS GATOS CONTROL LOS GATOS, CA 95030

901 CENTER STREET SANTA CRUZ, CA 95060

MAHLON ALDRIDGE ECOLOGY ACTION PO BOX 1188 SANTA CRUZ, CA 95060

RICHARD SMITH MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95352-4060

ROGER VAN HOY MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95354

THOMAS S. KIMBALL MODESTO IRRIGATION DISTRICT 1231 11TH STREET MODESTO, CA 95354

WES MONIER STRATEGIC ISSUES AND PLANNING MANAGER 333 EAST CANAL DRIVE, PO BOX 949 TURLOCK IRRIGATION DISTRICT TURLOCK, CA 95381-0949

BARBARA R. BARKOVICH BARKOVICH & YAP, INC. 44810 ROSEWOOD TERRACE MENDOCINO, CA 95460

JOHN R. REDDING ARCTURUS ENERGY CONSULTING 44810 ROSEWOOD TERRACE MENDOCINO, CA 95460

CLARK BERNIER RLW ANALYTICS 1055 BROADWAY, SUITE G SONOMA, CA 95476

RICHARD MCCANN, PH.D M. CUBED 2655 PORTAGE BAY, SUITE 3 DAVIS, CA 95616

CAROLYN M. KEHREIN ENERGY MANAGEMENT SERVICES 1505 DUNLAP COURT DIXON, CA 95620-4208

GRANT ROSENBLUM, ESQ.
CALIFORNIA ISO
LEGAL AND REGULATORY DEPARTMENT
151 BLUE RAVINE ROAD
FOLSOM, CA 95630

ROBIN SMUTNY-JONES CALIFORNIA ISO 151 BLUE RAVINE ROAD FOLSOM, CA 95630

CALIFORNIA ISO LEGAL AND REGULATORY DEPARTMENT 151 BLUE RAVINE ROAD FOLSOM, CA 95630

KENNY SWAIN NAVIGANT CONSULTING 3100 ZINFANDEL DRIVE, SUITE 600 RANCHO CORDOVA, CA 95670

GORDON PICKERING
PRINCIPAL
NAVIGANT CONSULTING, INC.
3100 ZINFANDEL DRIVE, SUITE 600
RANCHO CORDOVA, CA 95670-6078

DAVID REYNOLDS
MEMBER SERVICES MANAGER
NORTHERN CALIFORNIA POWER AGENCY
180 CIRBY WAY
ROSEVILLE, CA 95678-6420

ELLEN WOLFE RESERO CONSULTING 9289 SHADOW BROOK PL. GRANITE BAY, CA 95746

BOB LUCAS LUCAS ADVOCATES 1121 L STREET, SUITE 407 SACRAMENTO, CA 95814

DAN SKOPEC
CLIMATE & ENERGY CONSULTING
1201 K STREET SUITE 970
SACRAMENTO, CA 95814
FOR: CLIMATE & ENERGY CONSULTING

DAVID L. MODISETTE
EXECUTIVE DIRECTOR
CALIFORNIA ELECTRIC TRANSP. COALITION
1015 K STREET, SUITE 200
SACRAMENTO, CA 95814

JUSTIN C. WYNNE BRAU & BLAISING, P.C. 915 L STREET, SUITE 1270 SACRAMENTO, CA 95814

KELLIE SMITH
SENATE ENERGY/UTILITIES & COMMUNICATION
STATE CAPITOL, ROOM 4038
SACRAMENTO, CA 95814

MELANIE GILLETTE SR MGR WESTERN REG. AFFAIRS ENERNOC, INC. 115 HAZELMERE DRIVE FOLSOM, CA 95630

SAEED FARROKHPAY FEDERAL ENERGY REGULATORY COMMISSION 110 BLUE RAVINE RD., SUITE 107 FOLSOM, CA 95630

DAVID BRANCHCOMB BRANCHCOMB ASSOCIATES, LLC 9360 OAKTREE LANE ORANGEVILLE, CA 95662

KIRBY DUSEL NAVIGANT CONSULTING, INC. 3100 ZINFANDEL DRIVE, SUITE 600 RANCHO CORDOVA, CA 95670

LAURIE PARK
NAVIGANT CONSULTING, INC.
3100 ZINFANDEL DRIVE, SUITE 600
RANCHO CORDOVA, CA 95670-6078

SCOTT TOMASHEFSKY NORTHERN CALIFORNIA POWER AGENCY 180 CIRBY WAY ROSEVILLE, CA 95678-6420

AUDRA HARTMANN
DYNEGY INC.
980 NINTH STREET, SUITE 2130
SACRAMENTO, CA 95814

CURT BARRY 717 K STREET, SUITE 503 SACRAMENTO, CA 95814

DANIELLE MATTHEWS SEPERAS CALPINE CORPORATION 1127 11TH STREET, SUITE 242 SACRAMENTO, CA 95814 FOR: CALPINE CORPORATION

DOUGLAS K. KERNER ATTORNEY AT LAW ELLISON, SCHNEIDER & HARRIS, LLP 2015 H STREET SACRAMENTO, CA 95814

KASSANDRA GOUGH
CALPINE CORPORATION
1127 11TH STREET, SUITE 242
SACRAMENTO, CA 95814
FOR: CALPINE CORPORATION

KEVIN WOODRUFF WOODRUFF EXPERT SERVICES 1100 K STREET, SUITE 204 SACRAMENTO, CA 95814 MICHAEL WAUGH AIR RESOURCES BOARD 1001 10TH STREET SACRAMENTO, CA 95814

PATRICK STONER
PROGRAM DIRECTOR
LOCAL GOVERNMENT COMMISSION
1303 J STREET, SUITE 250
SACRAMENTO, CA 95814

RYAN BERNARDO BRAUN & BLAISING, P.C. 915 L STREET, SUITE 1270 SACRAMENTO, CA 95814

STEVEN KELLY INDEPENDENT ENERGY PRODUCERS 1215 K STREET, SUITE 900 SACRAMENTO, CA 95814

LYNN HAUG ELLISON, SCHNEIDER & HARRIS, LLP 2015 H STREET SACRAMENTO, CA 95814-3109

LAURIE TEN HOPE
ADVISOR TO COMMISSIONER BYRON
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS-32
SACRAMENTO, CA 95814-5512

OBADIAH BARTHOLOMY
MECHANICAL ENGINEER
SACRAMENTO MUNICIPAL UTILITY DISTRICT
M.S. B257
6201 S. STREET
SACRAMENTO, CA 95817

BALWANT S. PUREWAL
DEPARTMENT OF WATER RESOURCES
3310 EL CAMINO AVE., LL-90
SACRAMENTO, CA 95821

KAREN NORENE MILLS ATTORNEY AT LAW CALIFORNIA FARM BUREAU FEDERATION 2300 RIVER PLAZA DRIVE SACRAMENTO, CA 95833

ELIZABETH W. HADLEY CITY OF REDDING 777 CYPRESS AVENUE REDDING, CA 96001

ELIZABETH WESTBY ALCANTAR & KAHL, LLP 1300 SW FIFTH AVENUE, SUITE 1750 PORTLAND, OR 97201

ALAN COMNES
WEST COAST POWER
3934 SE ASH STREET
PORTLAND, OR 97214

PANAMA BARTHOLOMY ADVISOR TO CHAIR PFANNENSTIEL CALIFORNIA ENERGY COMMISSION 1516 9TH STREET SACRAMENTO, CA 95814

RACHEL MCMAHON
DIR. OF REG. AFFAIRS
CEERT
1100 11TH STREET, SUITE 311
SACRAMENTO, CA 95814

STEVEN A. LIPMAN STEVEN LIPMAN CONSULTING 500 N. STREET 1108 SACRAMENTO, CA 95814 FOR: LIPMAN CONSULTING

WEBSTER TASAT
AIR RESOURCES BOARD
1001 I STREET
SACRAMENTO, CA 95814

EDWARD J. TIEDEMANN
ATTORNEY AT LAW
KRONICK, MOSKOVITZ, TIEDEMANN & GIRARD
400 CAPITOL MALL, 27TH FLOOR
SACRAMENTO, CA 95814-4416
FOR: PLACER COUNTY WATER AGENCY & KINGS
RIVER CONSERVATION DISTRICT

JOSHUA BUSHINSKY
WESTERN POLICY COORDINATOR
PEW CENTER ON GLOBAL CLIMATE CHANGE
2101 WILSON BLVD., SUITE 550
ARLINGTON, VA 95816

BUD BEEBE SACRAMENTO MUNICIPAL UTIL DIST MS B257 6201 S STREET SACRAMENTO, CA 95817-1899

DOUGLAS MACMULLLEN
CHIEF, POWER PLANNING SECTION
CA DEPARTMENT OF WATER RESOURCES
3310 EL CAMINO AVE., ROOM 356
SACRAMENTO, CA 95821

KAREN LINDH
CALIFORNIA ONSITE GENERATION
7909 WALERGA ROAD, NO. 112, PMB 119
ANTELOPE, CA 95843

ANNIE STANGE ALCANTAR & KAHL 1300 SW FIFTH AVE., SUITE 1750 PORTLAND, OR 97201

ALEXIA C. KELLY
THE CLIMATE TRUST
65 SW YAMHILL STREET, SUITE 400
PORTLAND, OR 97204

KYLE SILON
ECOSECURITIES CONSULTING LIMITED
529 SE GRAND AVENUE
PORTLAND, OR 97214

CATHIE ALLEN
CA STATE MGR.
PACIFICORP
825 NE MULTNOMAH STREET, SUITE 2000
PORTLAND, OR 97232

SAM SADLER
OREGON DEPARTMENT OF ENERGY
625 NE MARION STREET
SALEM, OR 97301-3737

CLARE BREIDENICH
WESTERN POWER TRADING FORUM
224 1/2 24TH AVENUE EAST
SEATTLE, WA 98112
FOR: WESTERN POWER TRADING FORUM

JESUS ARREDONDO NRG ENERGY INC. 4600 CARLSBAD BLVD. CARLSBAD, CA 99208

THOMAS ELGIE
POWEREX CORPORATION
1400, 666 BURRAND ST
VANCOUVER, BC V6C 2X8
CANADA

PHIL CARVER
OREGON DEPARTMENT OF ENERGY
625 MARION ST., NE
SALEM, OR 97301-3737

LISA SCHWARTZ SENIOR ANALYST ORGEON PUBLIC UTILITY COMMISSION PO BOX 2148 SALEM, OR 97308-2148

DONALD SCHOENBECK RCS, INC. 900 WASHINGTON STREET, SUITE 780 VANCOUVER, WA 98660

CHARLIE BLAIR
DELTA ENERGY & ENVIRONMENT
15 GREAT STUART STREET
EDINBURGH, UK EH2 7TP
UNITED KINGDOM

#### **State Service**

CLARENCE BINNINGER
DEPUTY ATTORNEY GENERAL
DEPARTMENT OF JUSTICE
455 GOLDEN GATE AVENUE, SUITE 11000
SAN FRANICSCO, CA 94102

AMY C. YIP-KIKUGAWA
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
ROOM 2106
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

ANNE GILLETTE
CALIF PUBLIC UTILITIES COMMISSION
ENERGY RESOURCES BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

BISHU CHATTERJEE
CALIF PUBLIC UTILITIES COMMISSION
RATEMAKING BRANCH
AREA 3-E
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

CHARLOTTE TERKEURST
CALIF PUBLIC UTILITIES COMMISSION
DIVISION OF ADMINISTRATIVE LAW JUDGES
ROOM 5117
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

DAVID ZONANA
DEPUTY ATTORNEY GENERAL
CALIFORNIA ATTORNEY GENERAL'S OFFICE
455 GOLDEN GATE AVENUE, SUITE 11000
SAN FRANCISCO, CA 94102

ANDREW CAMPBELL
CALIF PUBLIC UTILITIES COMMISSION
EXECUTIVE DIVISION
ROOM 5203
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

BETH MOORE
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4103
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214
FOR: DRA

CATHLEEN A. FOGEL
CALIF PUBLIC UTILITIES COMMISSION
ENERGY RESOURCES BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

CHRISTINE S. TAM
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

DONALD R SMITH CALIF PUBLIC UTILITIES COMMISSION ELECTRICITY PLANNING & POLICY BRANCH ROOM 4209 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ELIZABETH STOLTZEUS CALIF PUBLIC UTILITIES COMMISSION ENERGY RESOURCES BRANCH AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

HARVEY Y MORRIS CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5036 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JACQUELINE GREIG CALIF PUBLIC UTILITIES COMMISSION ENERGY COST OF SERVICE & NATURAL GAS BRA POLICY & PLANNING DIVISION ROOM 4102 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JASON R. SALMI KLOTZ CALIF PUBLIC UTILITIES COMMISSION ENERGY RESOURCES BRANCH AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JOEL T. PERLSTEIN CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5133 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JUDITH IKLE CALIF PUBLIC UTILITIES COMMISSION ENERGY RESOURCES BRANCH ROOM 4012 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214 FOR: ENERGY RESOURCES BRANCH

KRISTIN RALFF DOUGLAS CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

LANA TRAN CALIF PUBLIC UTILITIES COMMISSION ELECTRIC GENERATION PERFORMANCE BRANCH AREA 2-D 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

NANCY RYAN CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5217 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

ED MOLDAVSKY CALIF PUBLIC UTILITIES COMMISSION LEGAL DIVISION ROOM 5037 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

EUGENE CADENASSO CALIF PUBLIC UTILITIES COMMISSION RATEMAKING BRANCH AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JACLYN MARKS CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5306 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JAMIE FORDYCE CALIF PUBLIC UTILITIES COMMISSION AREA 5-B 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JEORGE S. TAGNIPES CALIF PUBLIC UTILITIES COMMISSION ENERGY RESOURCES BRANCH AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JONATHAN LAKRITZ CALIF PUBLIC UTILITIES COMMISSION DIVISION OF ADMINISTRATIVE LAW JUDGES ROOM 5020 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

JULIE A. FITCH CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

LAINIE MOTAMEDI CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION ROOM 5119 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

MATTHEW DEAL CALIF PUBLIC UTILITIES COMMISSION EXECUTIVE DIVISION ROOM 5215 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

PAMELA WELLNER CALIF PUBLIC UTILITIES COMMISSION ENERGY RESOURCES BRANCH AREA 4-A 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3214

PAUL S. PHILLIPS
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4101
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

RAHMON MOMOH
CALIF PUBLIC UTILITIES COMMISSION
ELECTRICITY PLANNING & POLICY BRANCH
ROOM 4205
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

SARA M. KAMINS
CALIF PUBLIC UTILITIES COMMISSION
ENERGY RESOURCES BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

SEAN A. SIMON
CALIF PUBLIC UTILITIES COMMISSION
ENERGY RESOURCES BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

THERESA CHO
CALIF PUBLIC UTILITIES COMMISSION
EXECUTIVE DIVISION
ROOM 5207
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

KEN ALEX
PO BOX 944255
1300 I STREET, SUITE 125
SACRAMENTO, CA 94244-2550
FOR: PEOPLE OF THE STATE OF CALIFORNIA

JULIE GILL
EXTERNAL AFFAIRS MANAGER
CALIFORNIA INDEPENDENT SYSTEM OPERATOR
151 BLUE RAVINE ROAD
FOLSOM, CA 95630
FOR: CAISO

PHILIP D. PETTINGILL
CALIFORNIA INDEPENDENT SYSTEM OPERATOR
151 BLUE RAVINE ROAD
FOLSOM, CA 95630
FOR: CAISO

GARY COLLORD STATIONARY SOURCE DIVISION AIR RESOURCES BOARD 1001 I STREET, PO BOX 2815 SACRAMENTO, CA 95812

PAM BURMICH AIR RESOURCES BOAD 1001 I STREET, BOX 2815 SACRAMENTO, CA 95812 PEARLIE SABINO
CALIF PUBLIC UTILITIES COMMISSION
ENERGY COST OF SERVICE & NATURAL GAS BRA
ROOM 4209
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

RICHARD A. MYERS
CALIF PUBLIC UTILITIES COMMISSION
RATEMAKING BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

SCOTT MURTISHAW
CALIF PUBLIC UTILITIES COMMISSION
ENERGY RESOURCES BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

STEVE ROSCOW
CALIF PUBLIC UTILITIES COMMISSION
RATEMAKING BRANCH
AREA 4-A
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3214

BILL LOCKYER STATE ATTORNEY GENERAL STATE OF CALIFORNIA, DEPT OF JUSTICE PO BOX 944255 SACRAMENTO, CA 94244-2550

JUDITH B. SANDERS
ATTORNEY AT LAW
CALIFORNIA INDEPENDENT SYSTEM OPERATOR
151 BLUE RAVINE ROAD
FOLSOM, CA 95630
FOR: CAISO

MARY MCDONALD
DIRECTOR OF STATE AFFAIRS
CALIFORNIA INDEPENDENT SYSTEM OPERATOR
151 BLUE RAVINE ROAD
FOLSOM, CA 95630
FOR: CAISO

MICHAEL SCHEIBLE
DEPUTY EXECUTIVE OFFICER
CALIFORNIA AIR RESOURCES BOARD
1001 I STREET
SACRAMENTO, CA 95677
FOR: CALIFORNIA AIR RESOURCES BOARD

JEFFREY DOLL
CALIFORNIA AIR RESOURCES BOARD
PO BOX 2815 1001 I STREET
SACRAMENTO, CA 95812

B. B. BLEVINS
EXECUTIVE DIRECTOR
CALIFORNIA ENERGY COMMISSION
1516 9TH STREET, MS-39
SACRAMENTO, CA 95814
FOR: CALIFORNIA EMERGY COMMISSION

DARYL METZ CALIFORNIA ENERGY COMMISSION 1516 9TH ST., MS-20 SACRAMENTO, CA 95814

DEBORAH SLON DEPUTY ATTORNEY GENERAL, ENVIRONMENT OFFICE OF THE ATTORNEY GENERAL 1300 I STREET, 15TH FLOOR SACRAMENTO, CA 95814

DON SCHULTZ CALIF PUBLIC UTILITIES COMMISSION ENERGY PRICING AND CUSTOMER PROGRAMS BRA CALIFORNIA ENERGY COMMISSION 770 L STREET, SUITE 1050 SACRAMENTO, CA 95814

KAREN GRIFFIN EXECUTIVE OFFICE 1516 9TH STREET, MS 39 SACRAMENTO, CA 95814

LISA DECARLO STAFF COUNSEL CALIFORNIA ENERGY COMMISSION 1516 9TH STREET MS-14 SACRAMENTO, CA 95814

MARC PRYOR CALIFORNIA ENERGY COMMISSION 1516 9TH ST., MS-20 SACRAMENTO, CA 95814

MICHELLE GARCIA AIR RESOURCES BOARD 1001 10TH STREET SACRAMENTO, CA 95814 PIERRE H. DUVAIR CALIFORNIA ENERGY COMMISSION 1516 NINTH STREET, MS-41 SACRAMENTO, CA 95814

WADE MCCARTNEY CALIF PUBLIC UTILITIES COMMISSION POLICY & PLANNING DIVISION 770 L STREET, SUITE 1050 SACRAMENTO, CA 95814

NANCY TRONAAS CALIFORNIA ENERGY COMMISSION 1516 9TH ST. MS-20 SACRAMENTO, CA 95814-5512

CAROL J. HURLOCK CALIFORNIA DEPT. OF WATER RESOURCES JOINT OPERATIONS CENTER 3310 EL CAMINO AVE. RM 300 SACRAMENTO, CA 95821

HOLLY B. CRONIN STATE WATER PROJECT OPERATIONS DIV CALIFORNIA DEPARTMENT OF WATER RESOURCES 3310 EL CAMINO AVE., LL-90 SACRAMENTO, CA 95821

ROSS A. MILLER ELECTRICITY ANALYSIS OFFICE CALIFORNIA ENERGY COMMISSION 1516 9TH STREET MS 20 SACRAMENTO, CA 96814-5512 FOR: CALIFORNIA ENERGY COMMISSION